

TITLE: IMMUNOREGULATOR

Inventor: Khan et al.

Serial No.: 09/716,777

Docket No.: 2183-4618US

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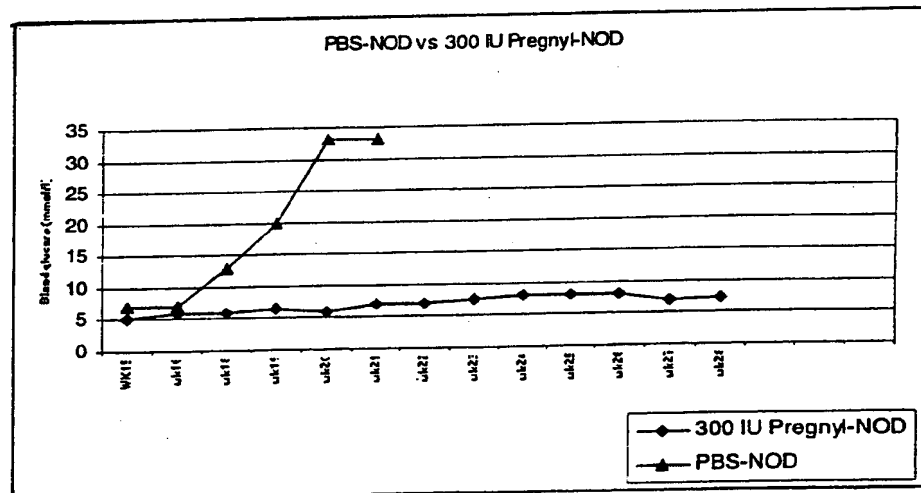


Figure 1.

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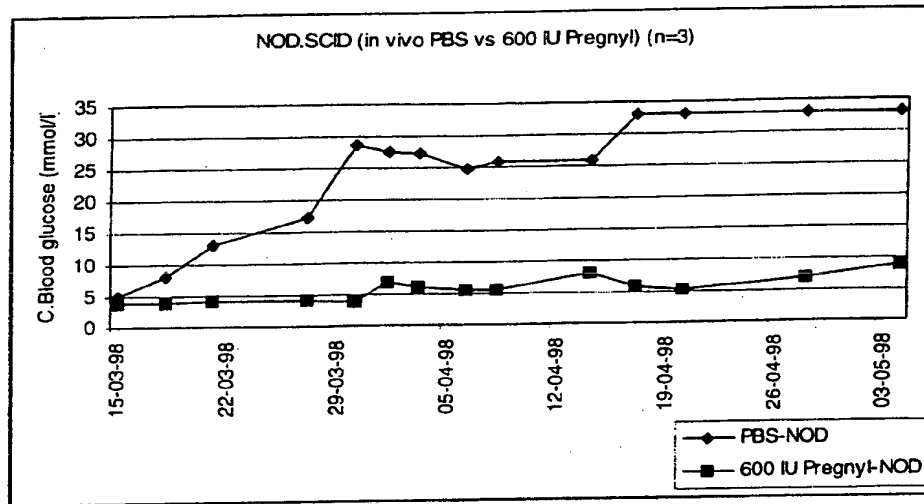


Figure 2.

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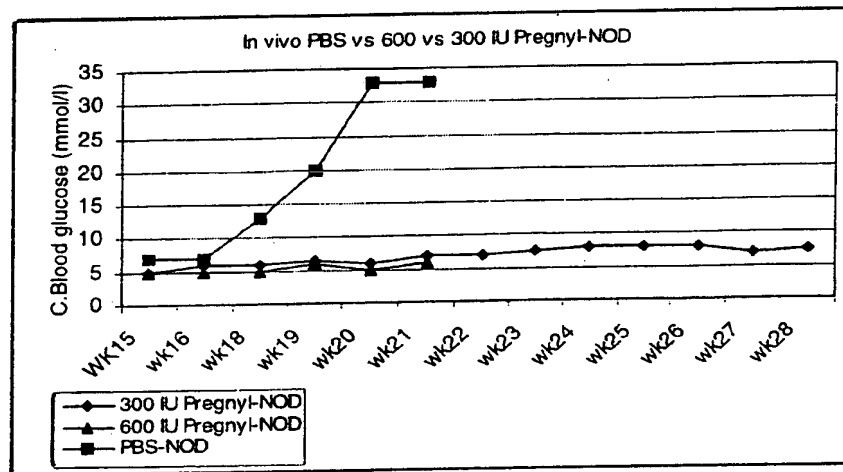


Figure 3.

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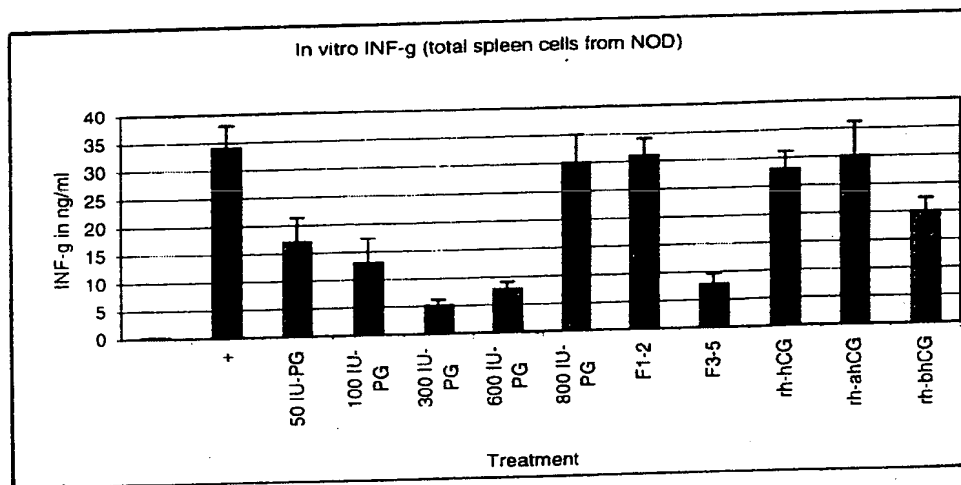


Figure 4.

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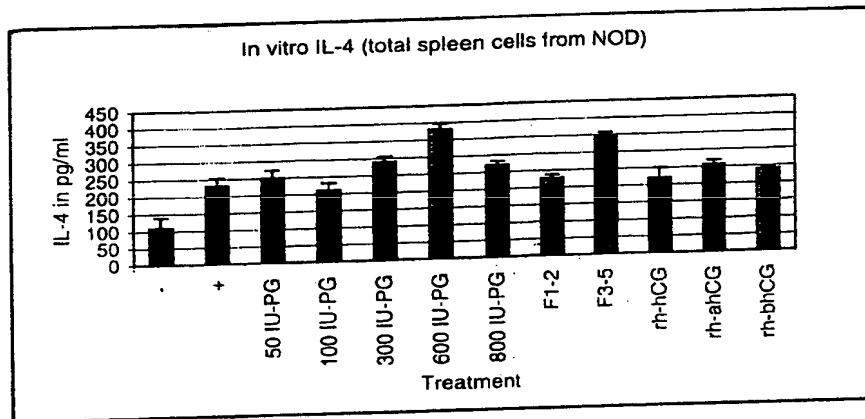


Figure 5.

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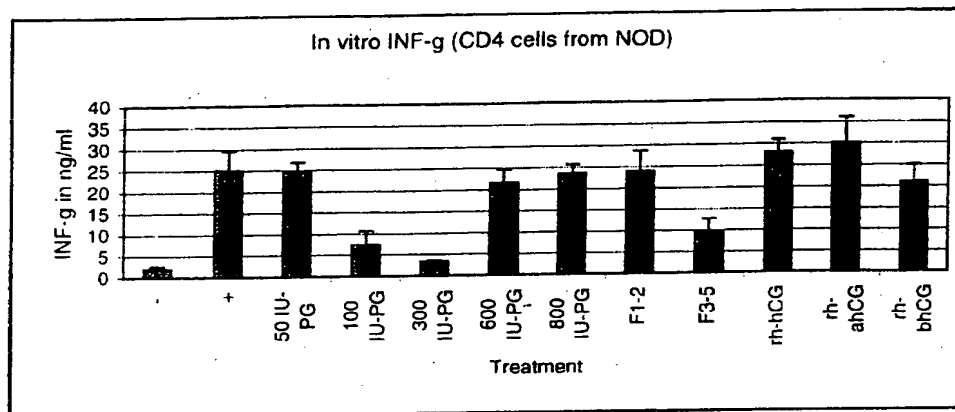


Figure 6.

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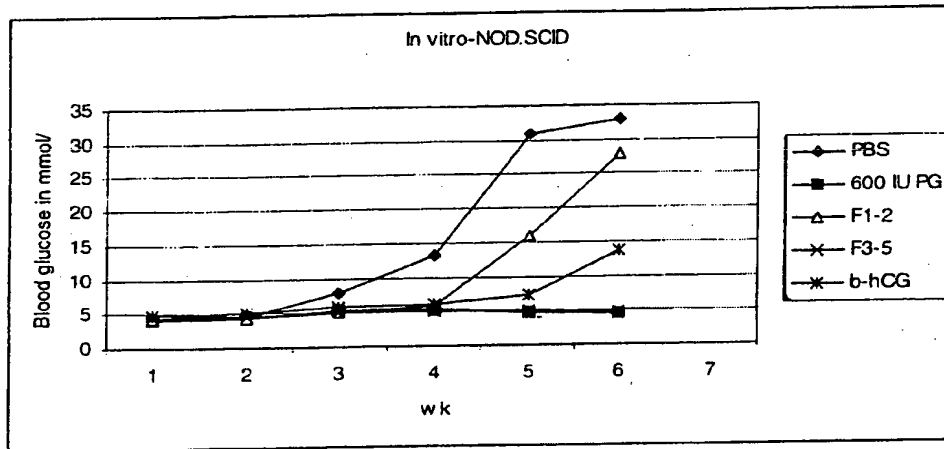


Figure 7.

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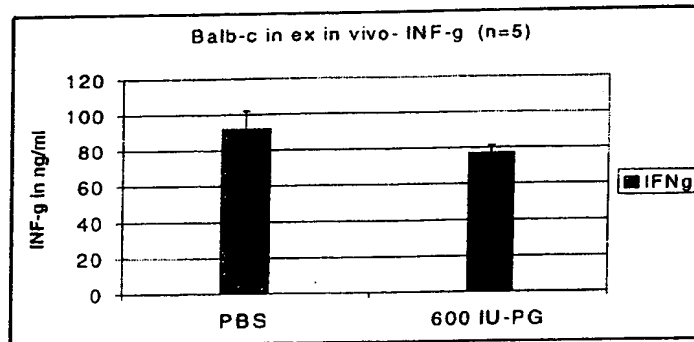


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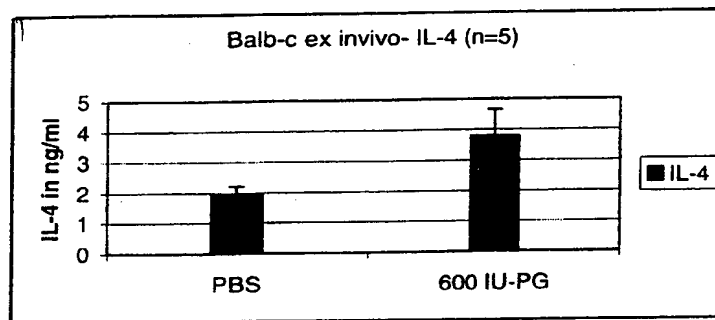


Figure 9.

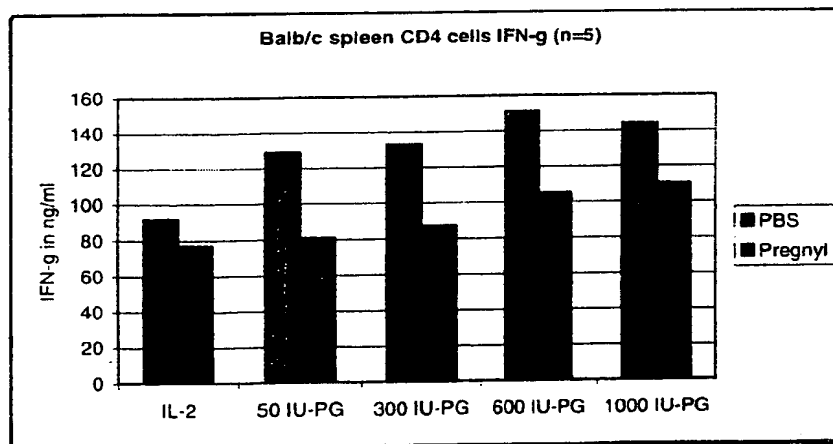


Figure 10.



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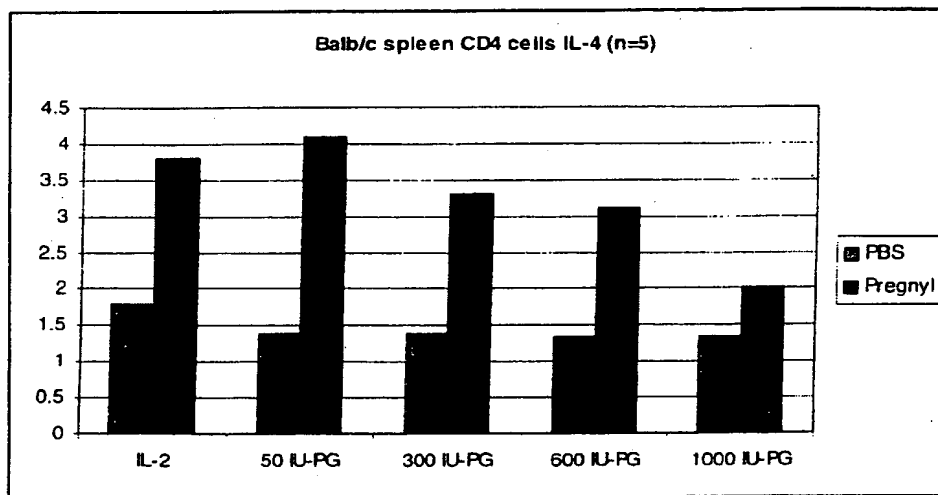


Figure 11.

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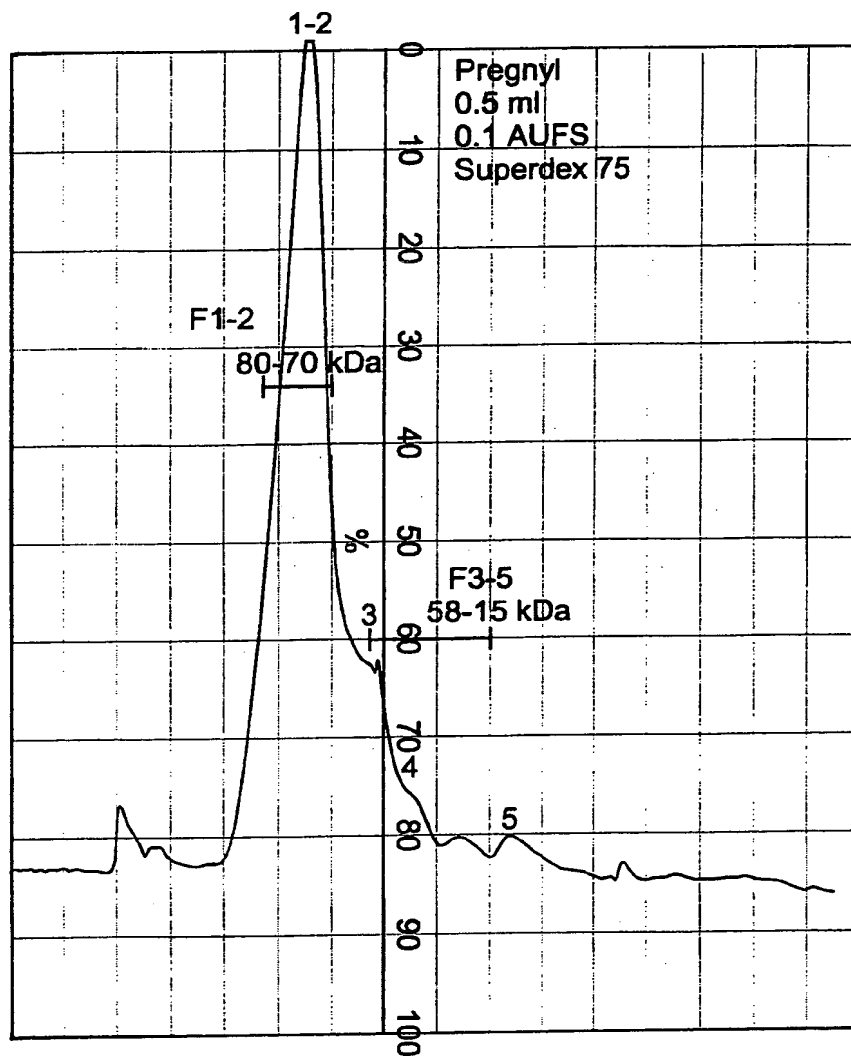


Figure 12

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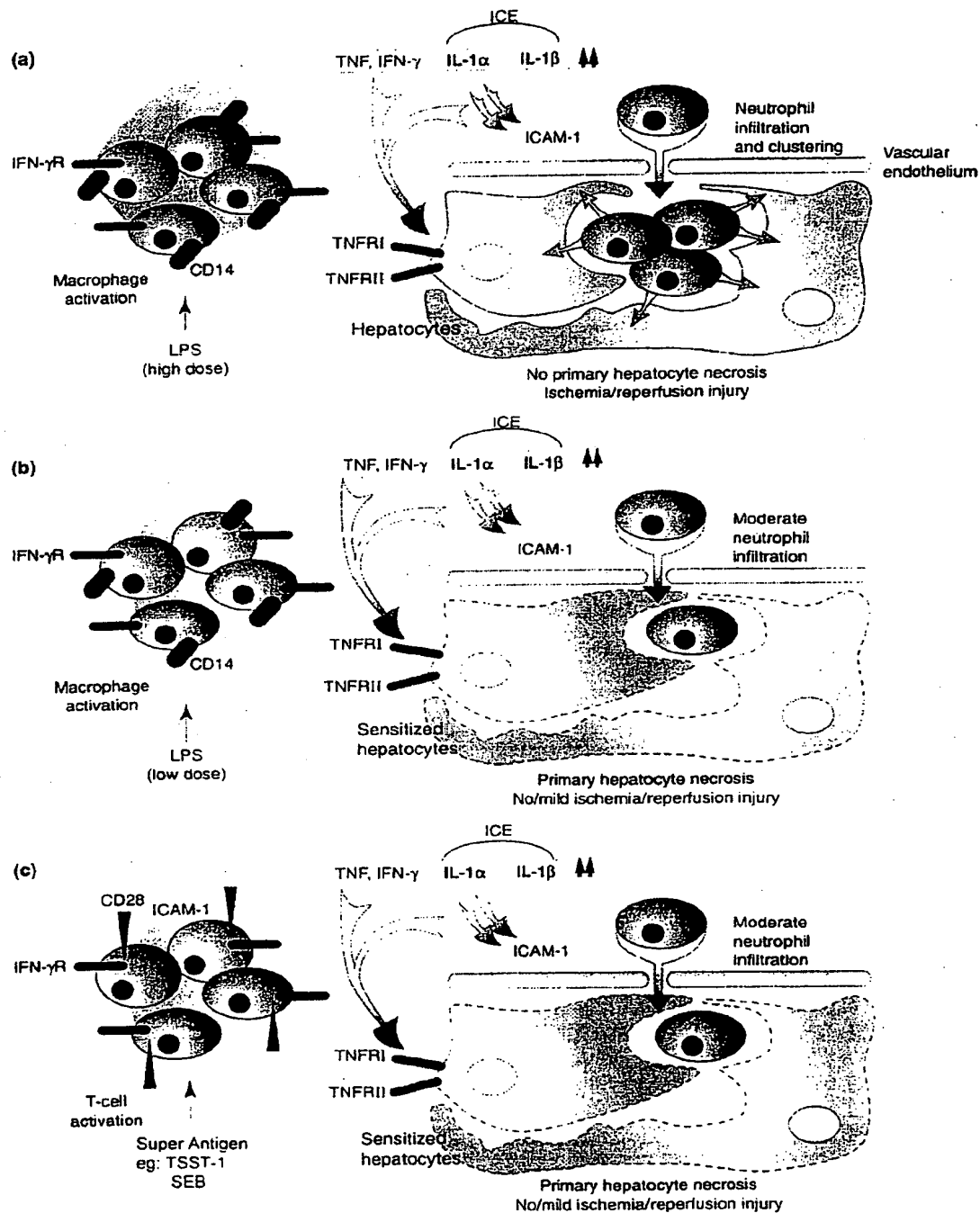


Figure 13

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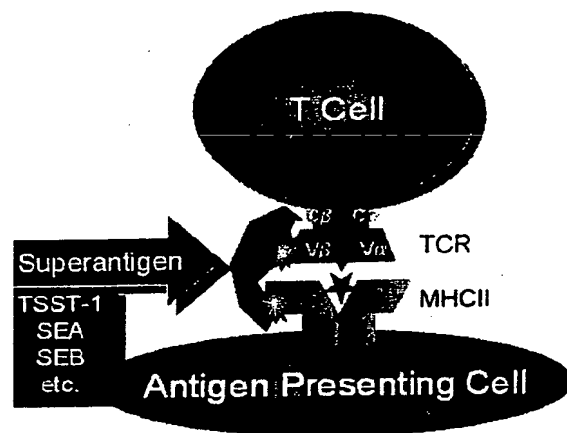


Figure 14

TITLE: IMMUNOREGULATOR

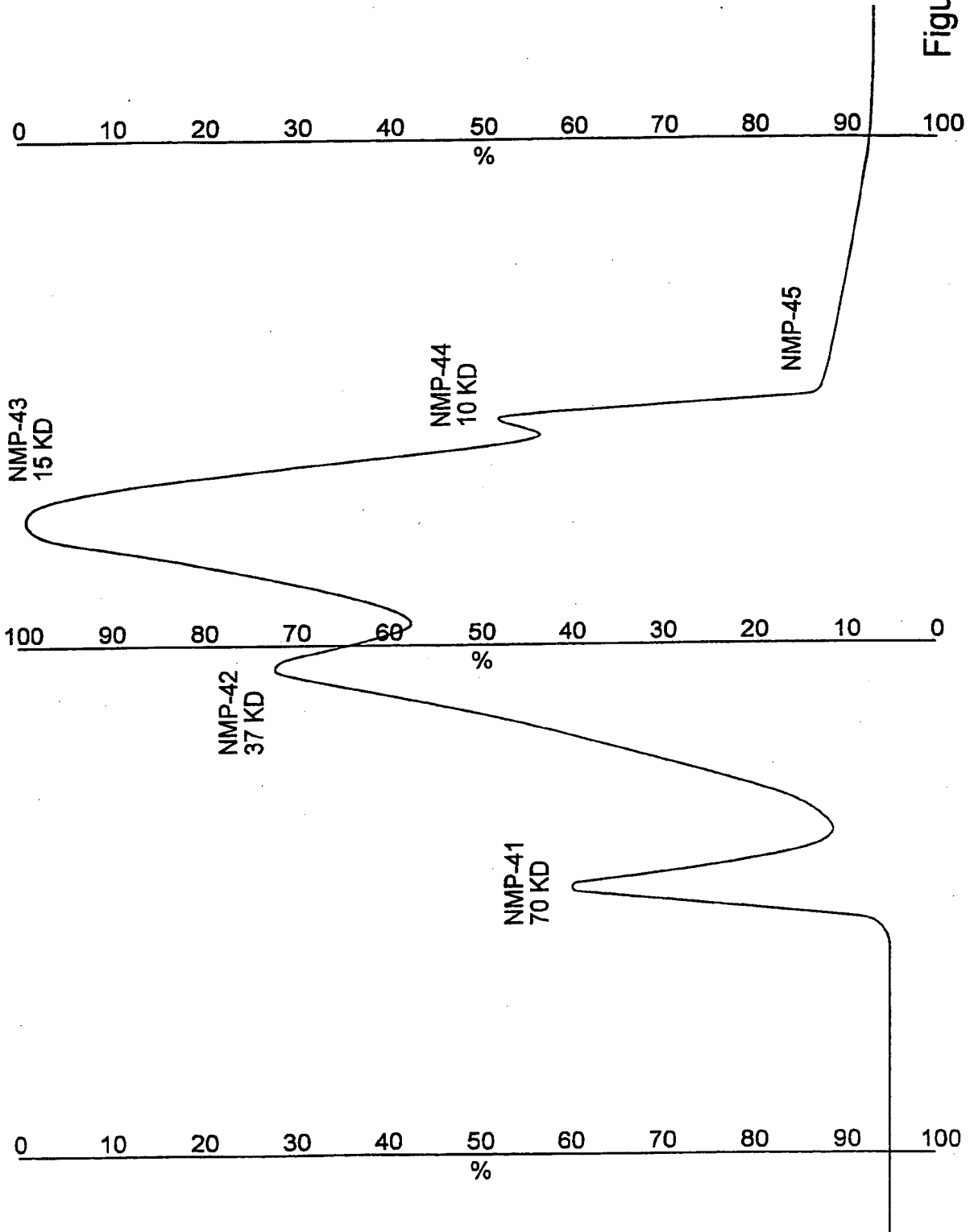
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Figure 15



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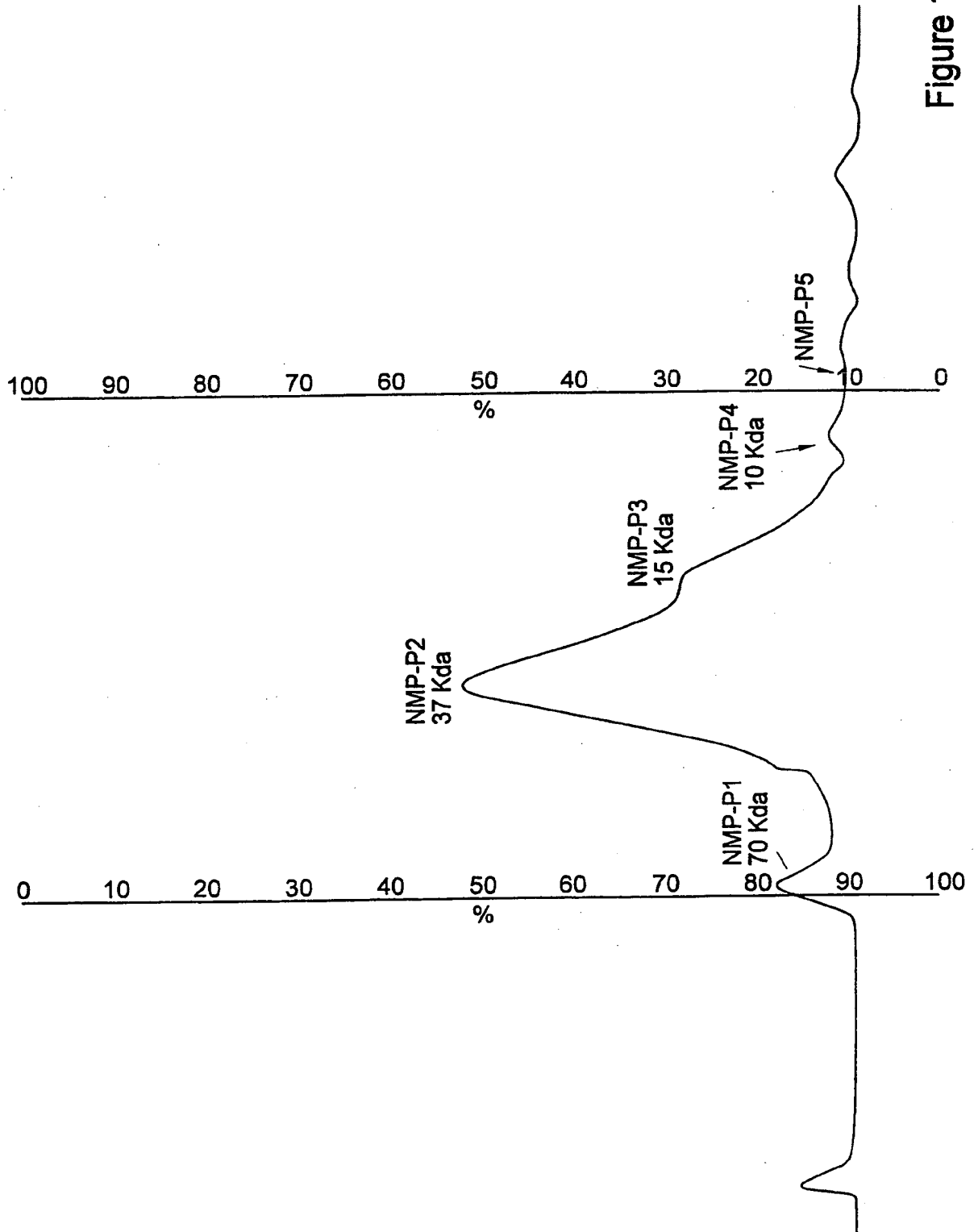
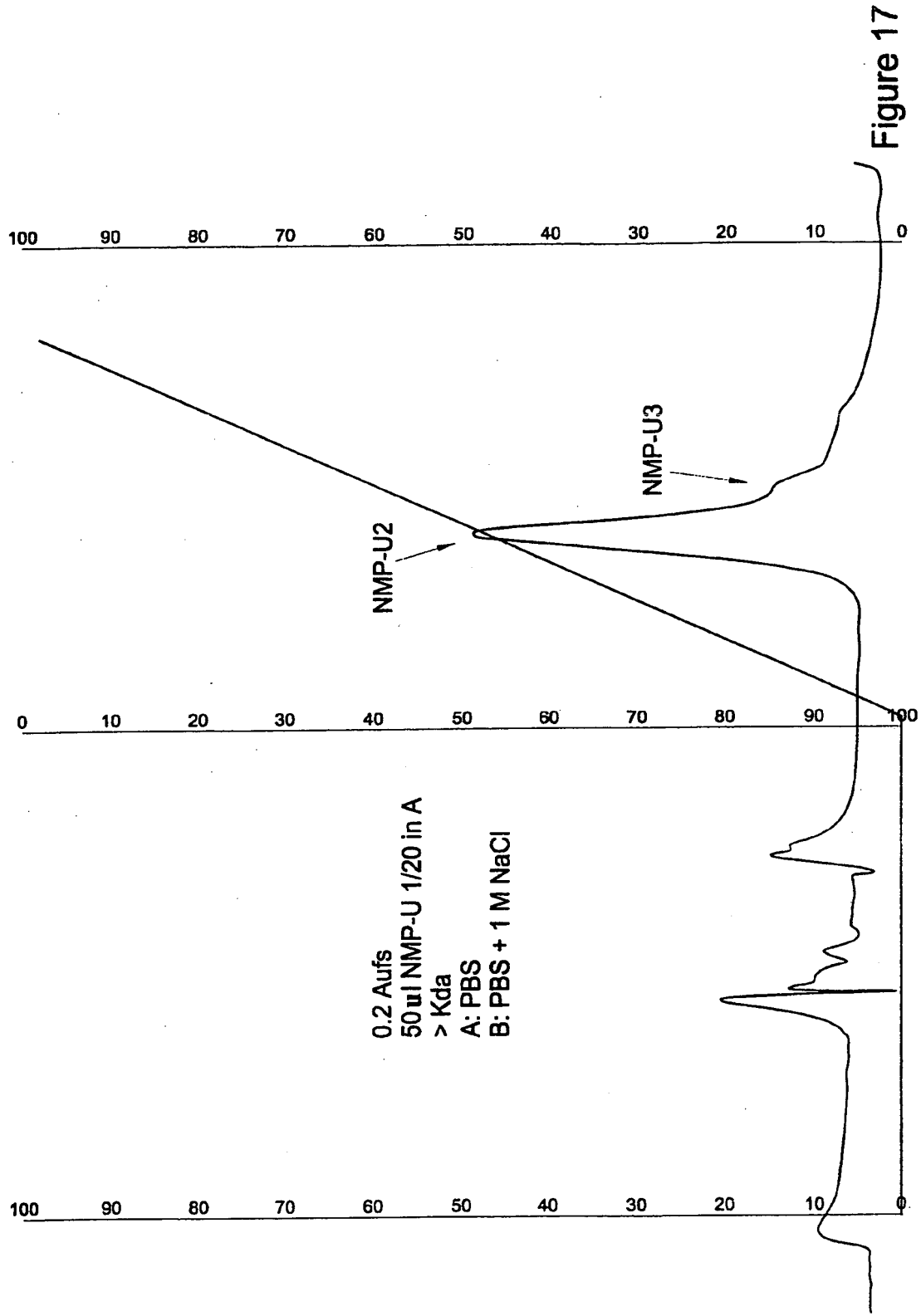


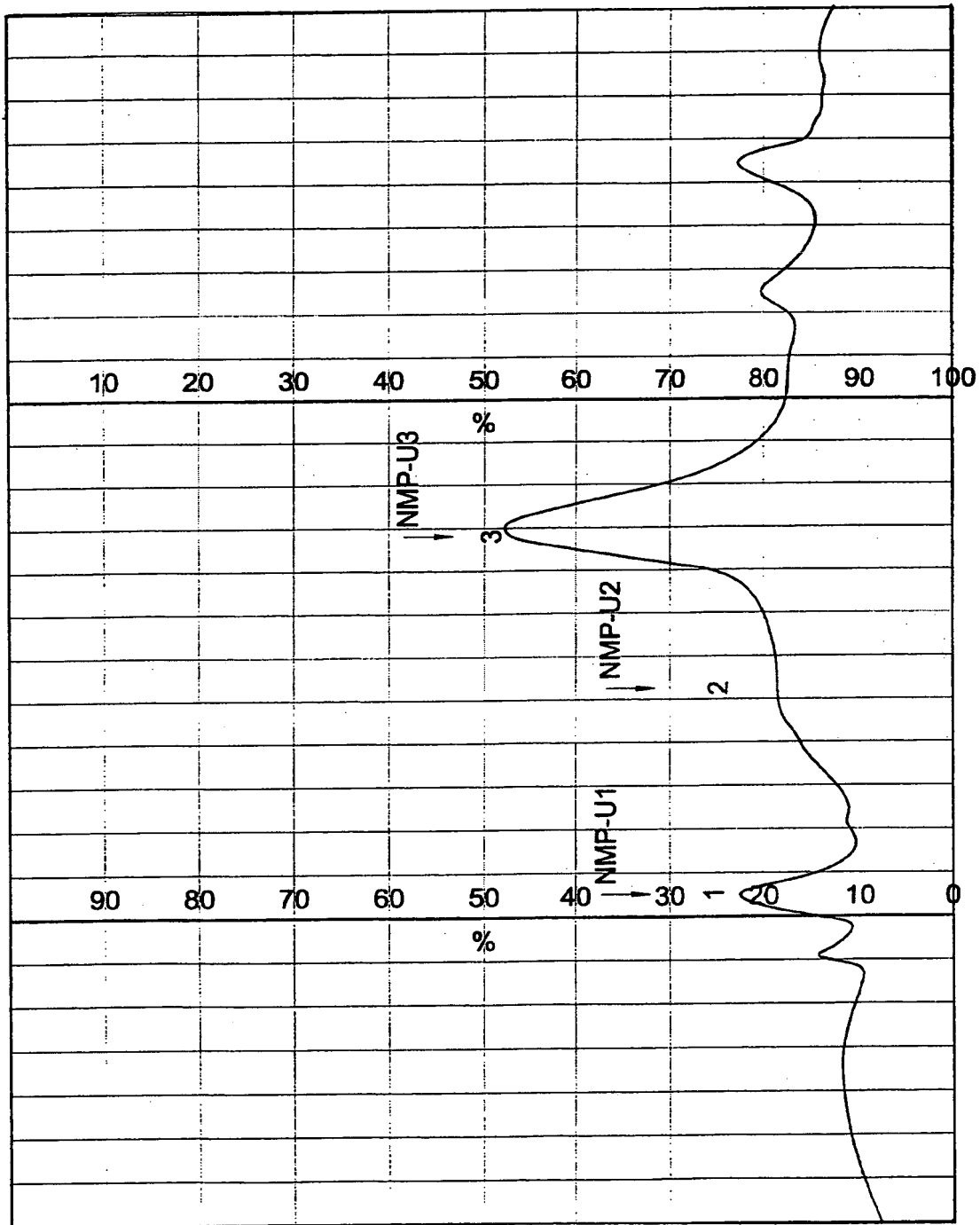
Figure 16

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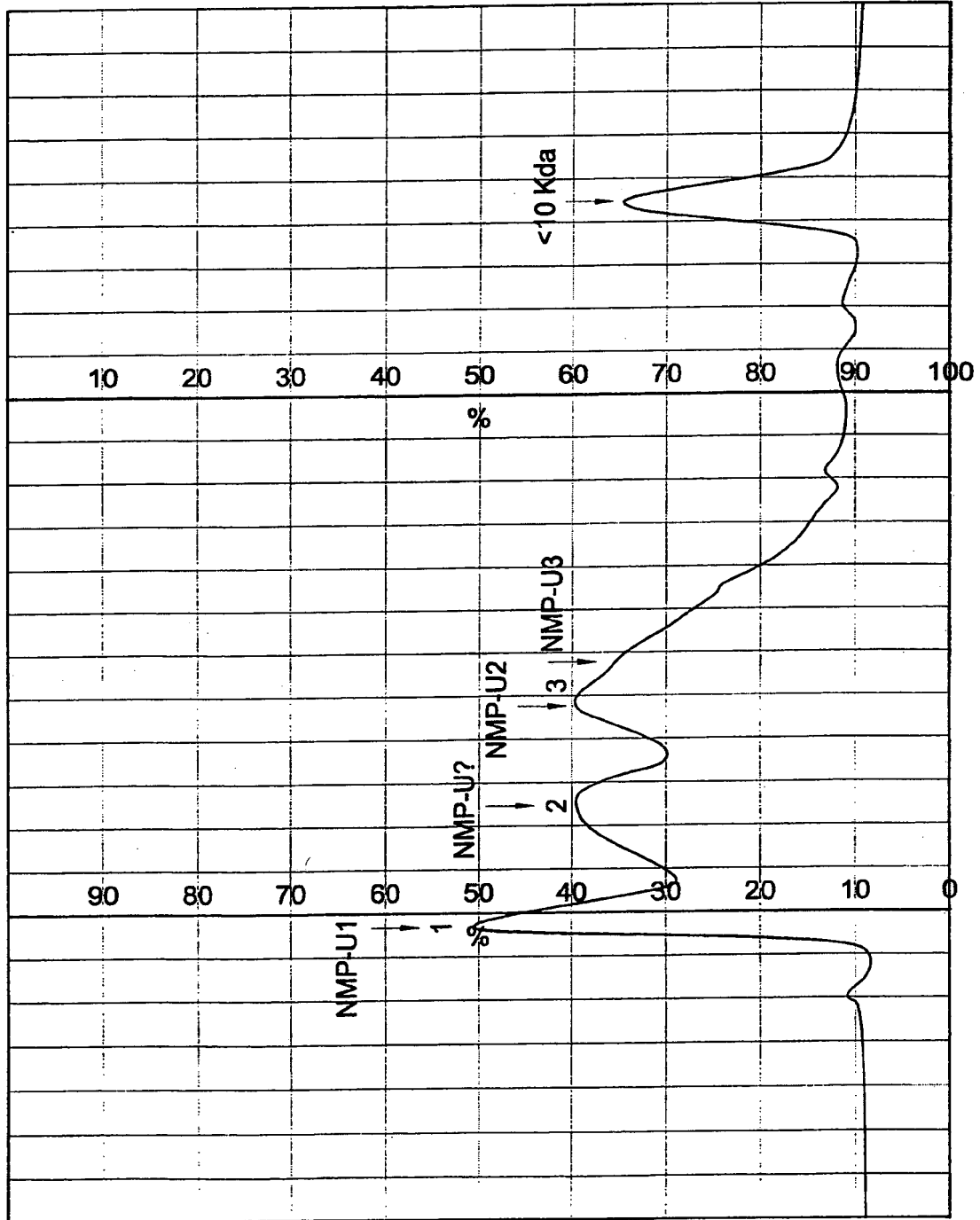
Figure 18





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Figure 19



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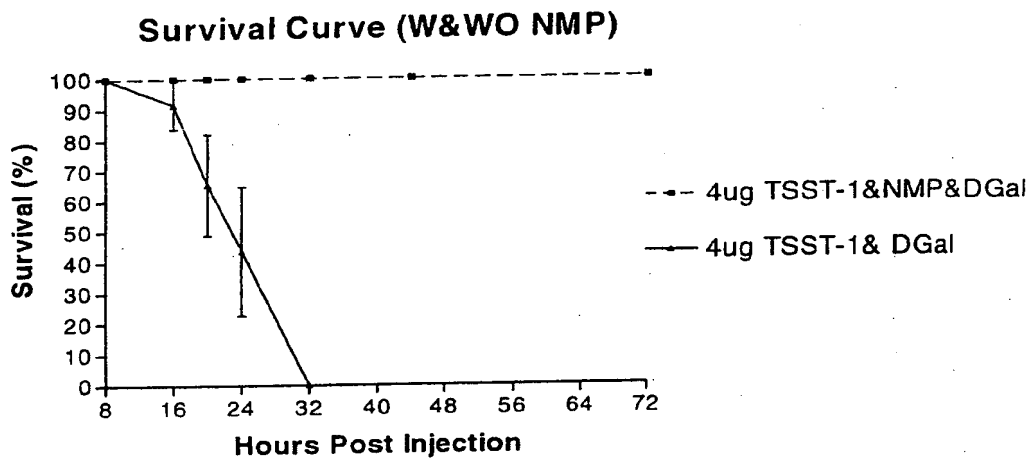


Figure 20

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**Comparison of Illness Kinetics during Toxic Shock Between NMP and non-NMP treated mice**

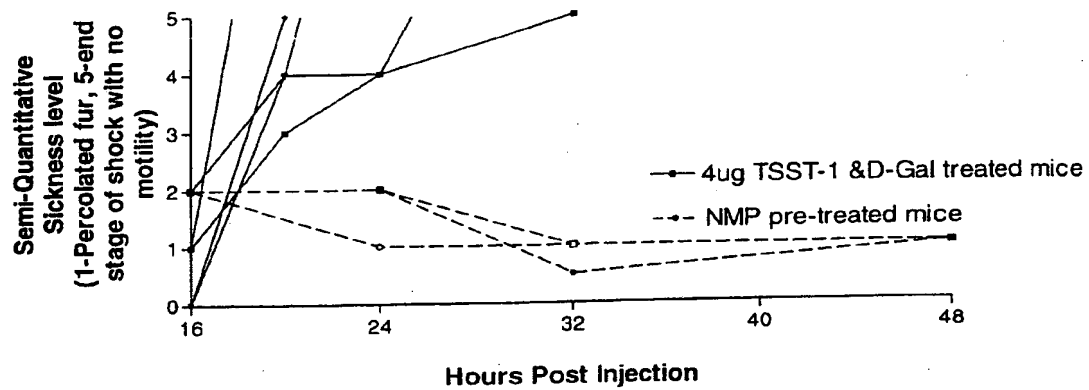


Figure 21

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**Comparison of Weight Loss  
during Toxic Shock with and  
without NMP Pretreatment**

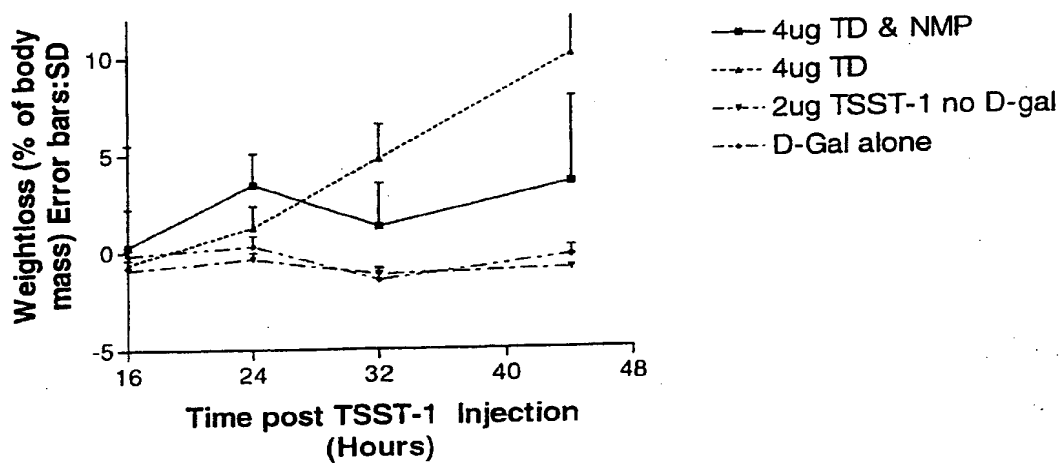


Figure 22

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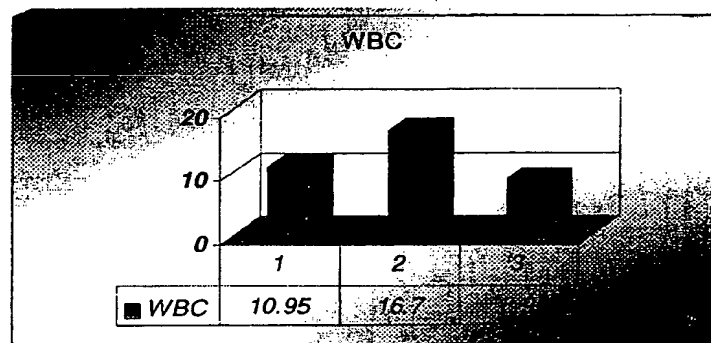


Figure 23

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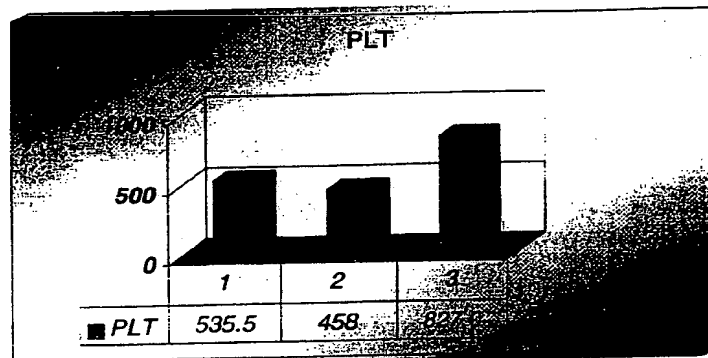
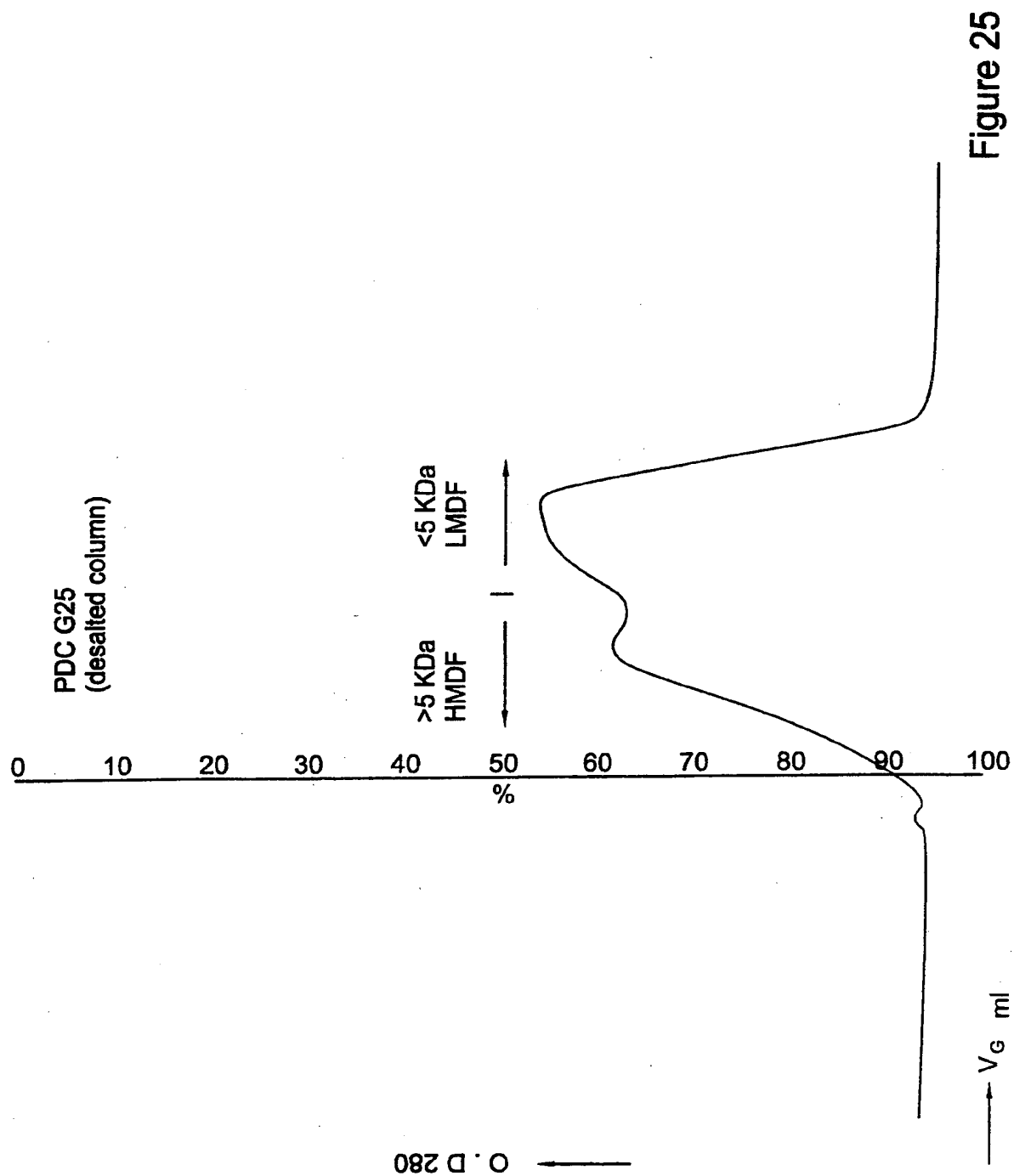


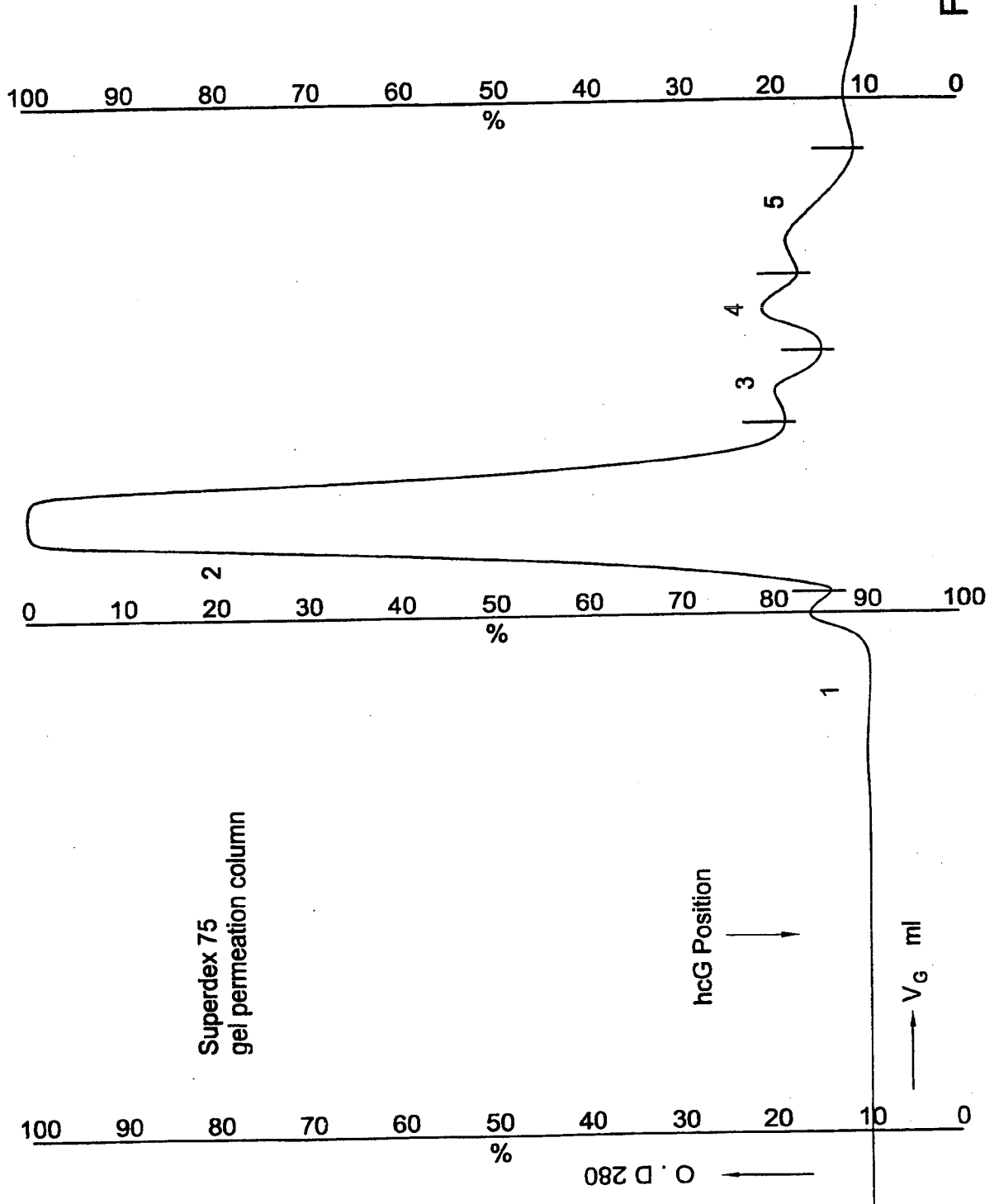
Figure 24

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Figure 26





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superdex peptide, PC3,2/30

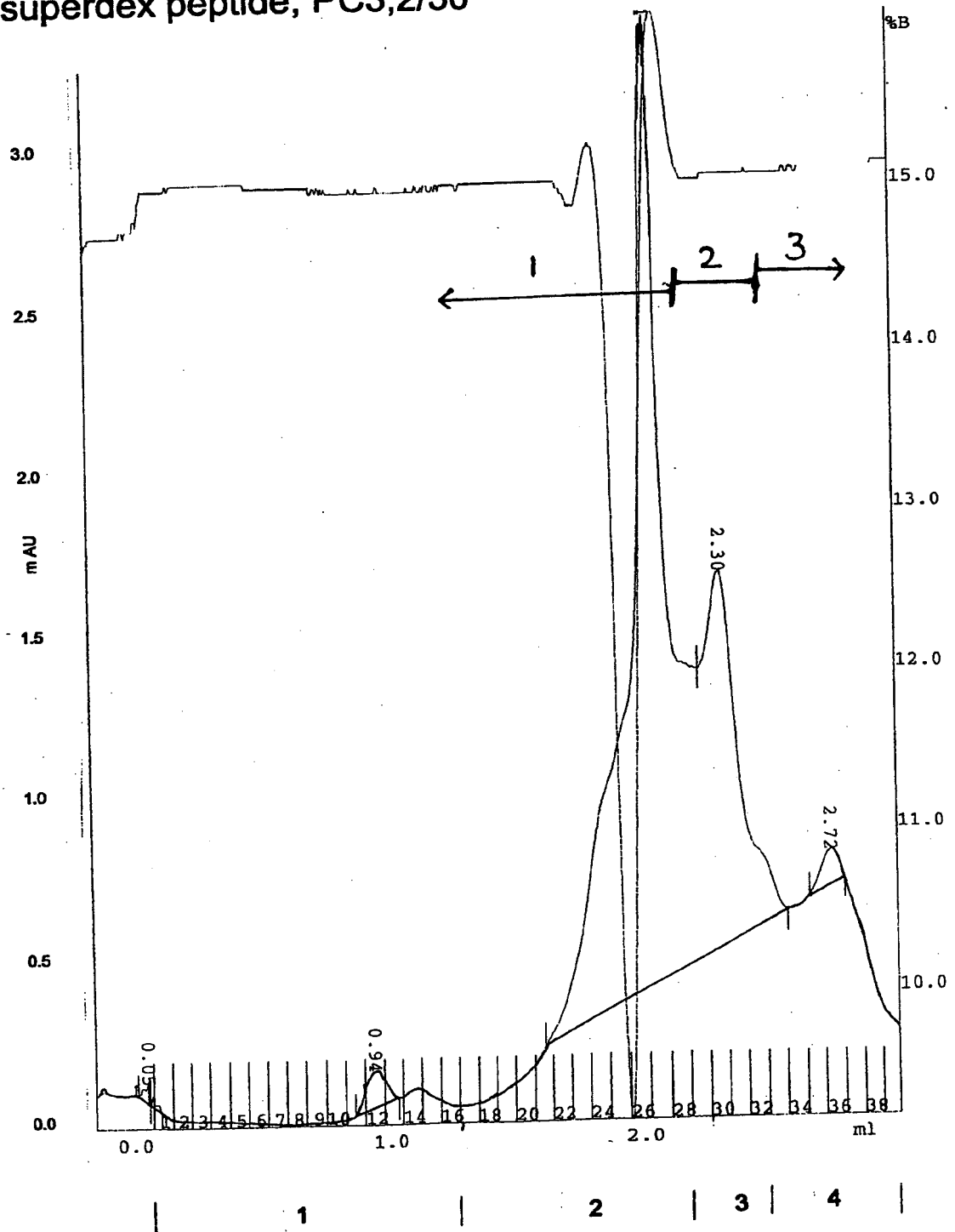


Figure 27

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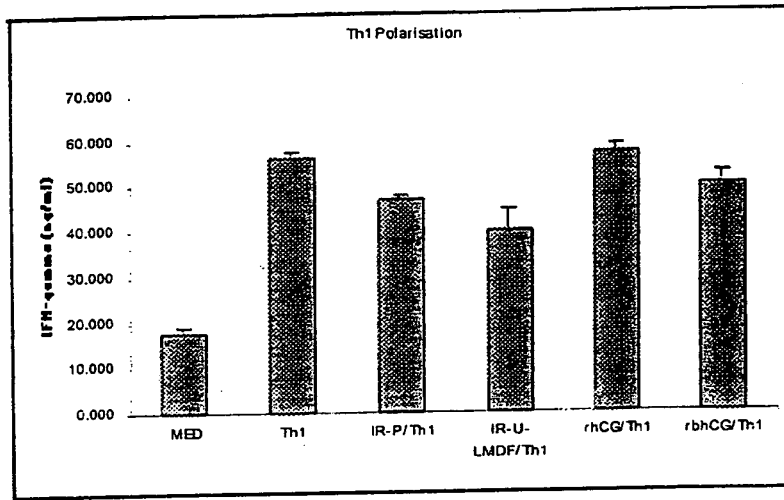


Figure 28.

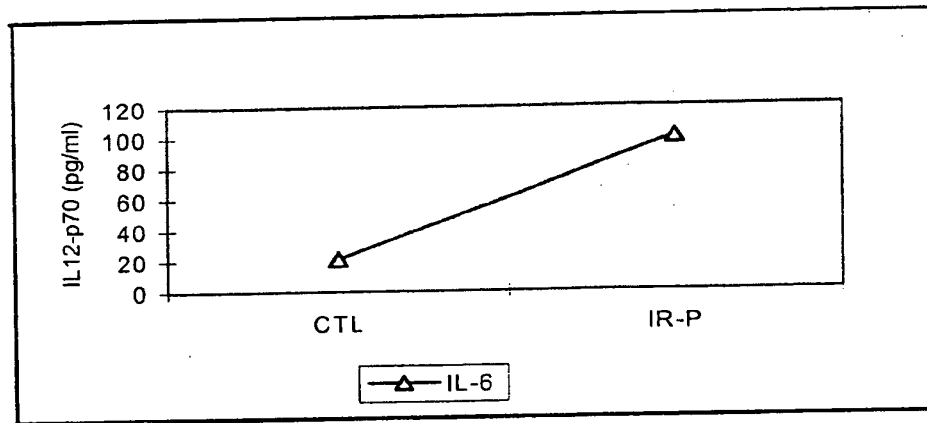
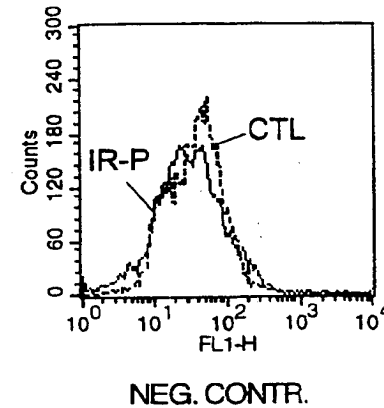
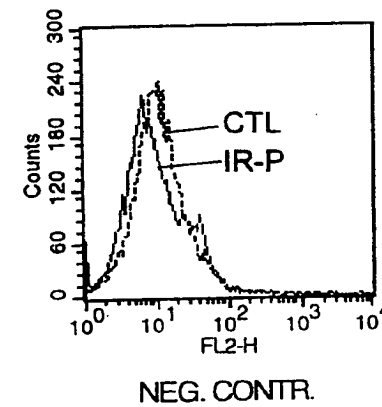
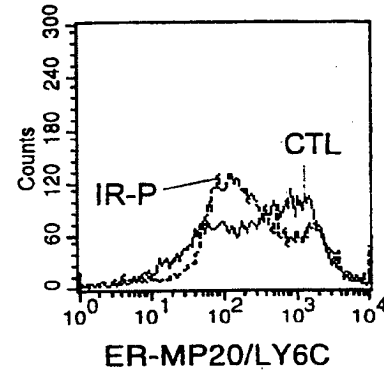
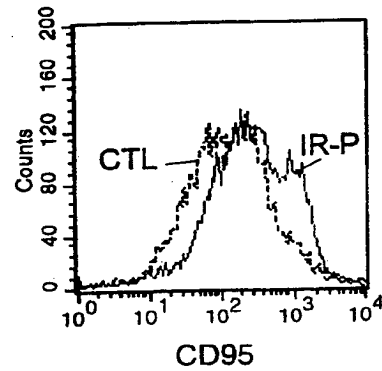
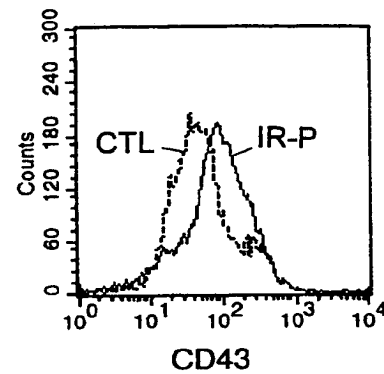
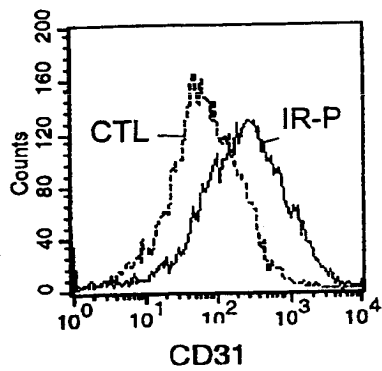
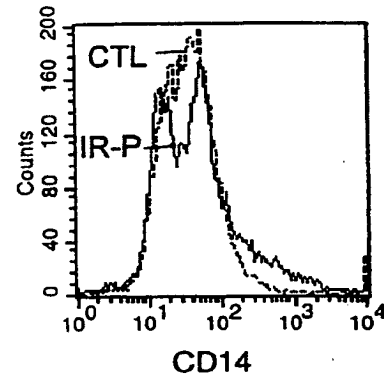
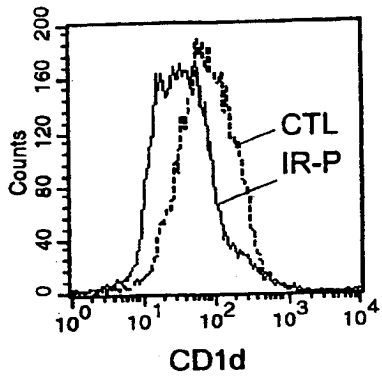


figure 45

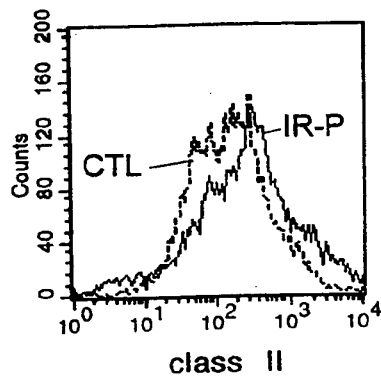
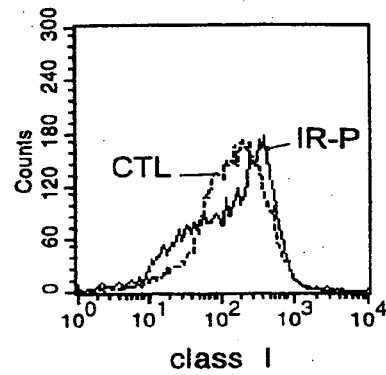
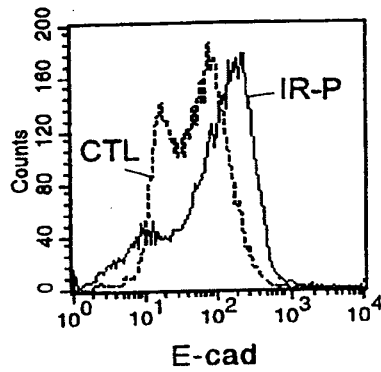
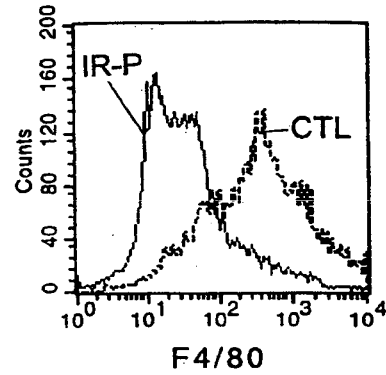
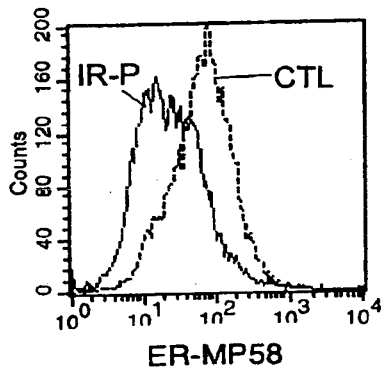
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Figure 29A



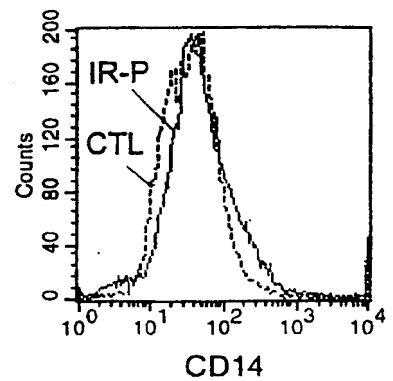
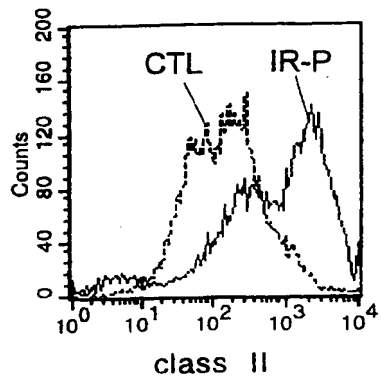
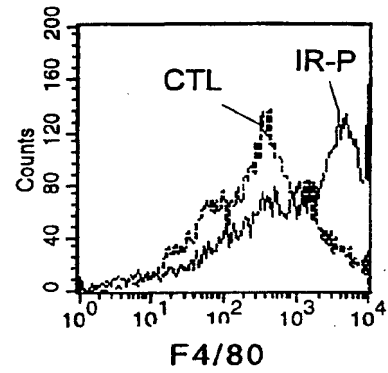
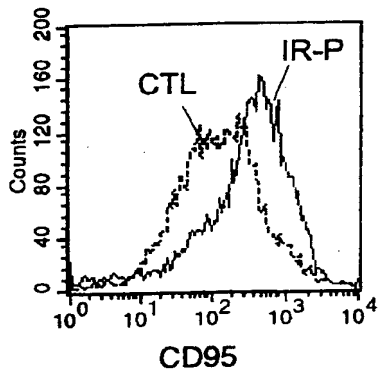
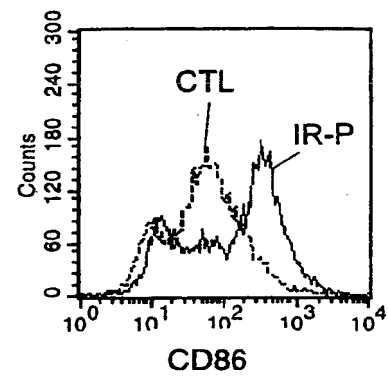
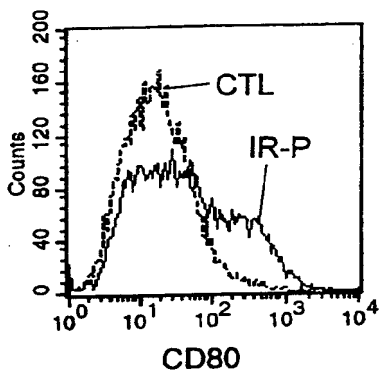
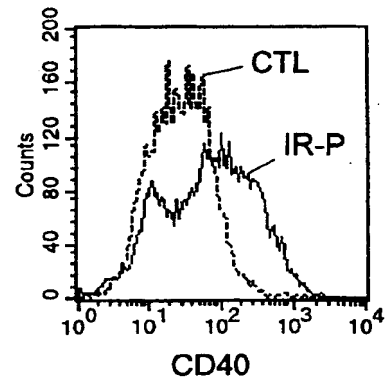
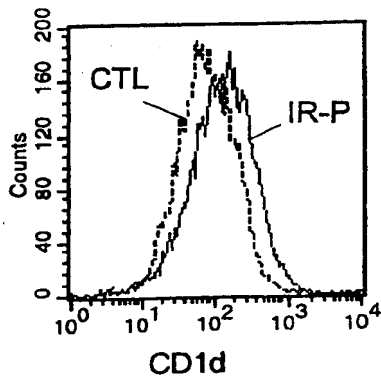
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Figure 29B



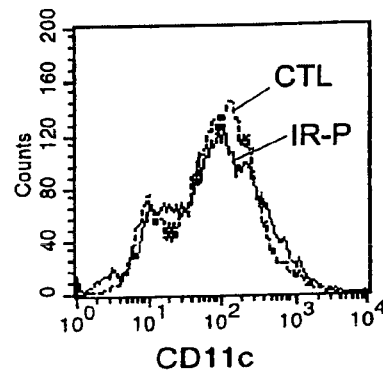
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Figure 30A



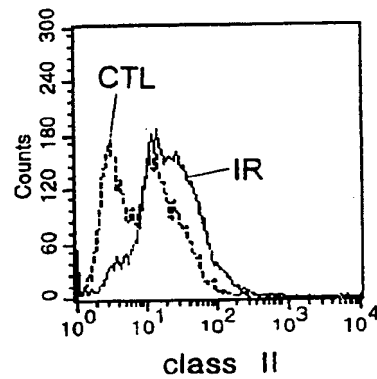
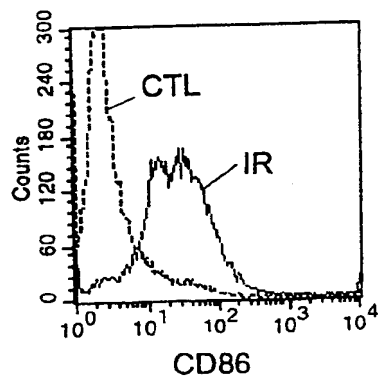
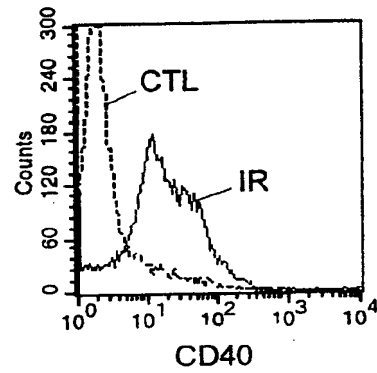
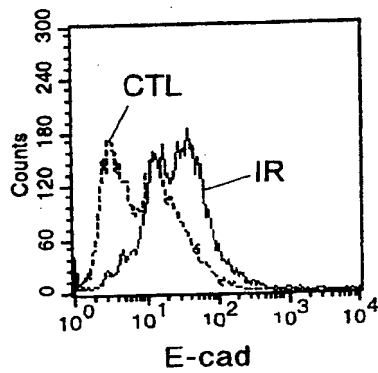
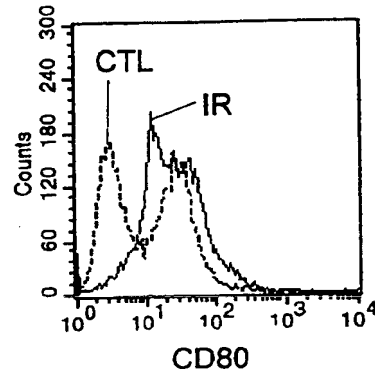
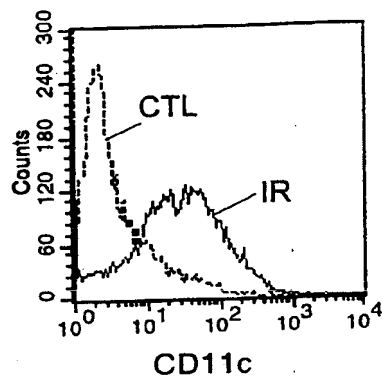
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Figure 30B



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Figure 31



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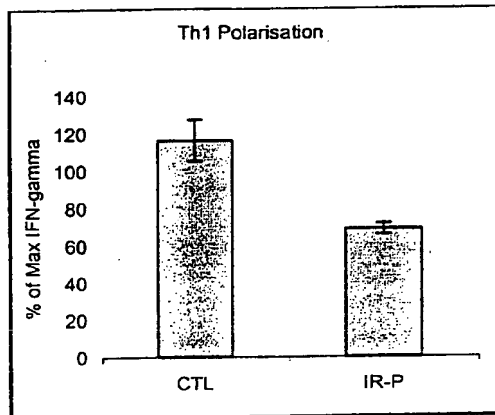


Figure 32

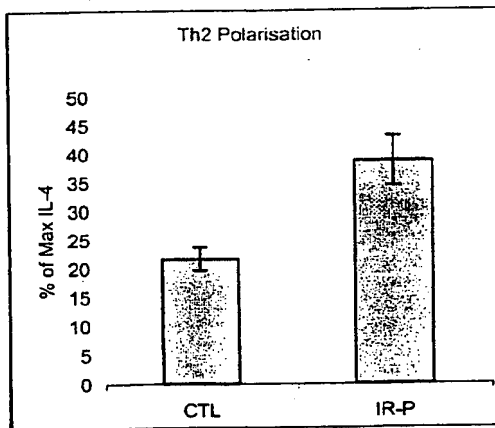


Figure 34



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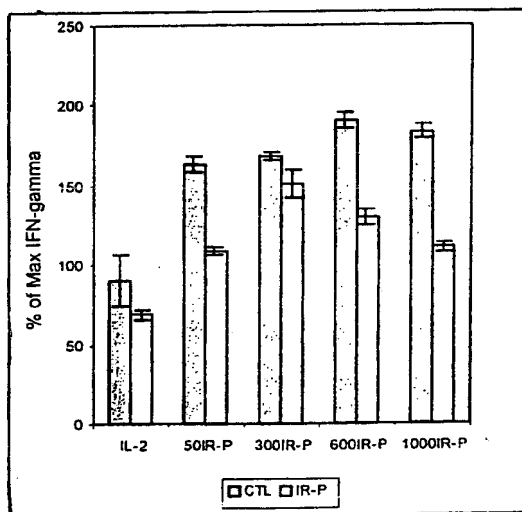


Figure 36

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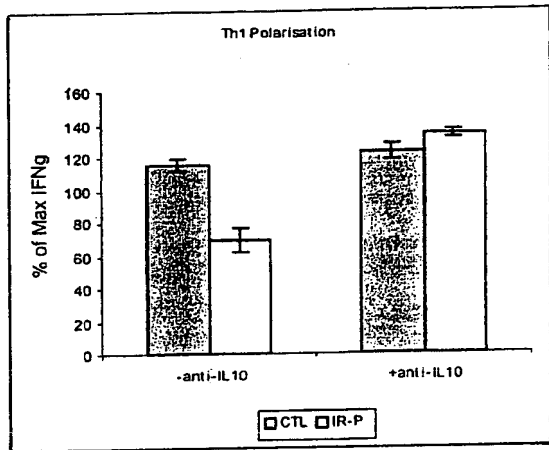


Figure 38

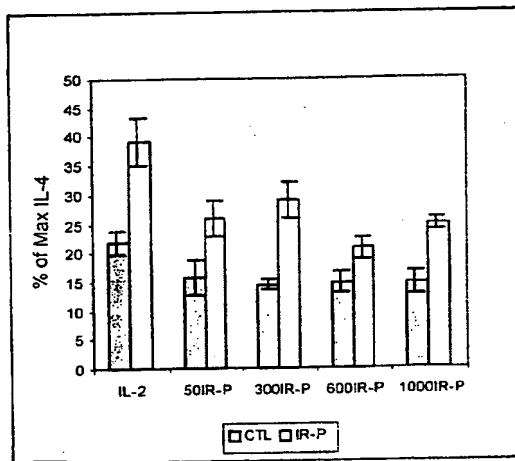


figure 37

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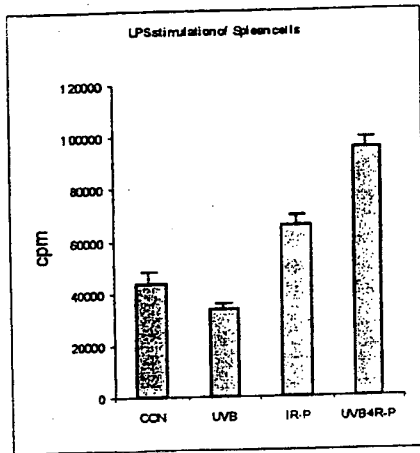


Figure 46.

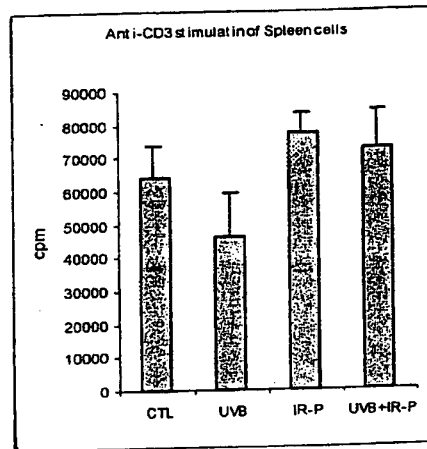


Figure 47.

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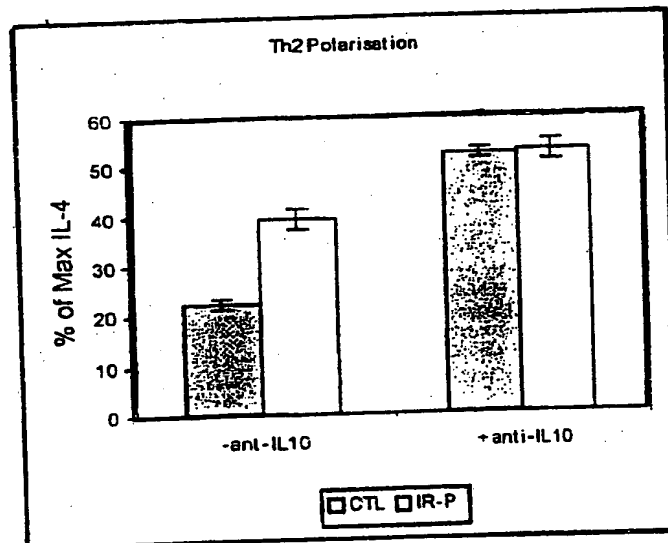


Figure 39

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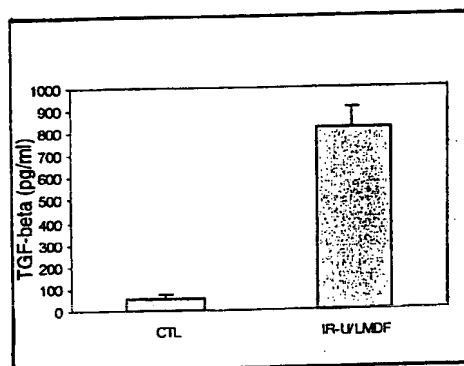


Figure 43

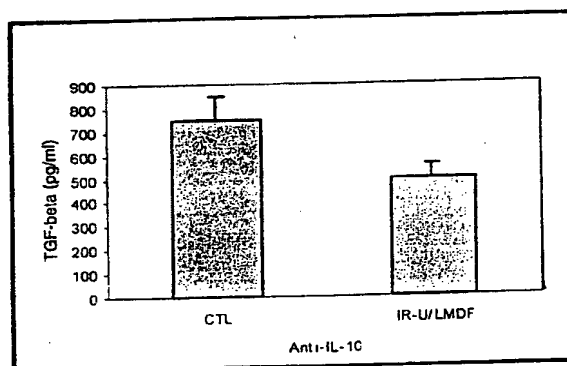


Figure 44 A.

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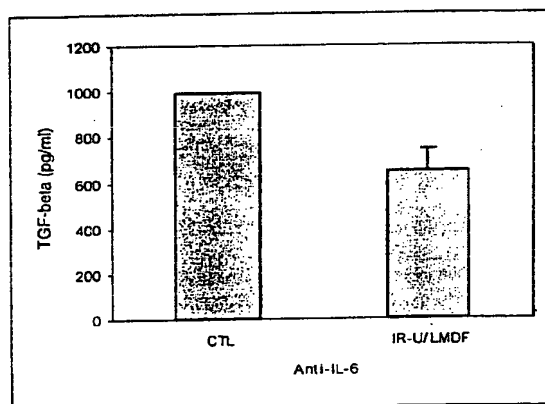


Figure 44 B

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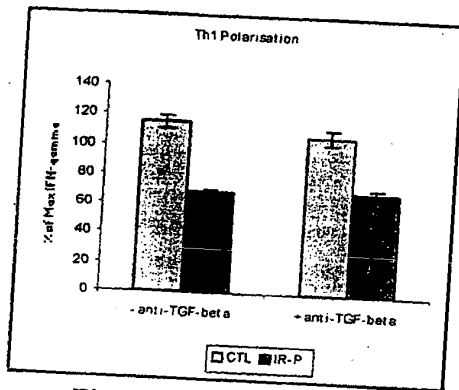


Figure 40.

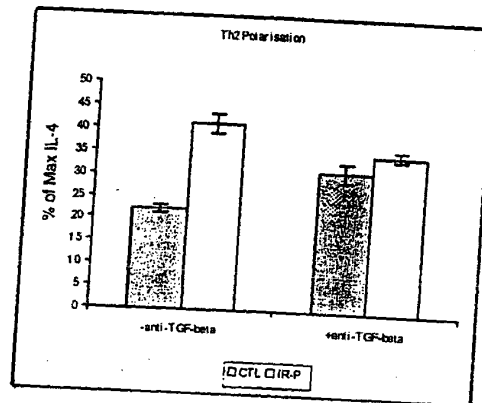


Figure 41

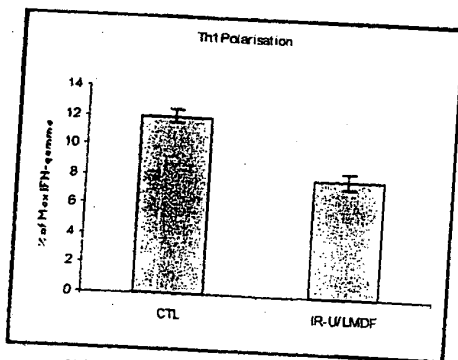


Figure 33.

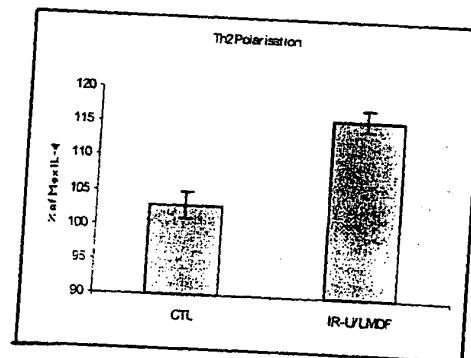


Figure 35.

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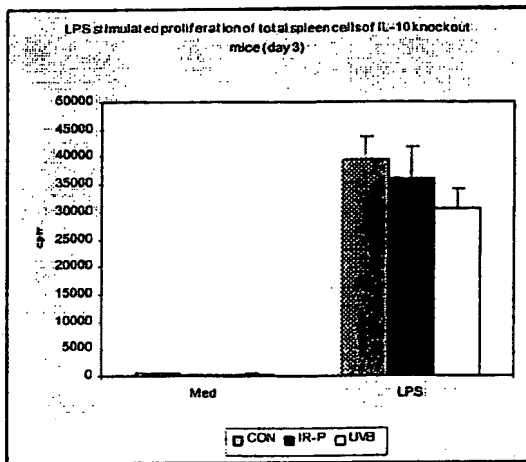


Figure 50

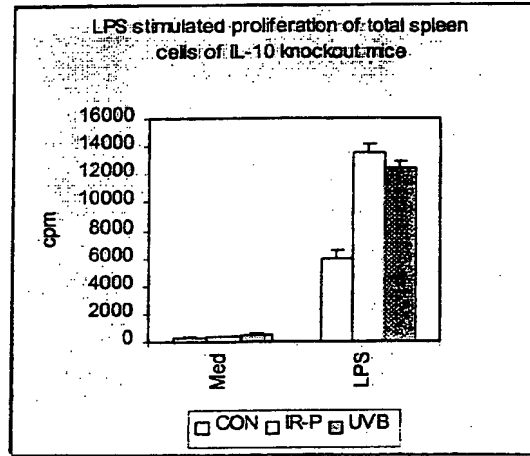


Figure 51

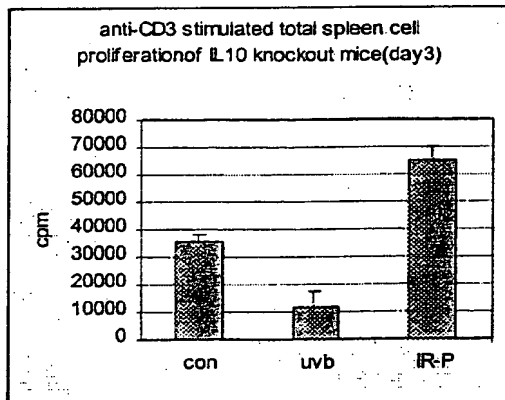


Figure 48

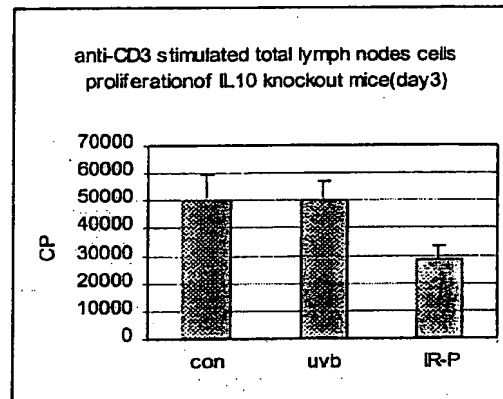


Figure 49

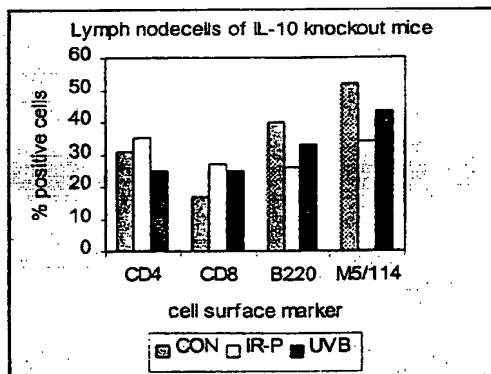


Figure 52

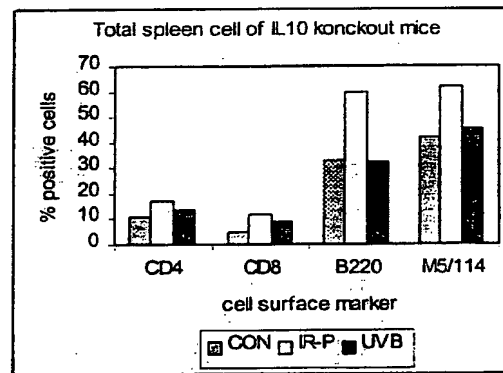


Figure 53



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Mab	Med	IR-P	IR-U	IR-U3-5	IR-U/LMDF
CD1d	4.9	3.2	2.4	2.8	2.8
<b>CD14</b>	0.0	0.6	2.7	1.0	0.8
CD40	0.0	0.0	0.0	0.0	0.0
CD80	0.3	0.0	0.0	0.0	0.0
CD86	1.9	0.8	0.1	0.5	0.6
(all)					
CD95 (all)	5.3	4.1	12.8	5.6	5.6
CD95L	0.2	0.3	0.2	0.0	0.0
<b>ER-MP58</b>	3.9	2.6	1.7	0.0	1.1
<b>F4/80 (all)</b>	39.5	20.1	1.3	2.2	0.0
RB6.8C5		3.6	5.8	5.0	4.1
E-cad	1.9	4.5	0.5	0.5	0.9
(all)					
MHC II	13.8	7.8	9.3	6.3	0.0

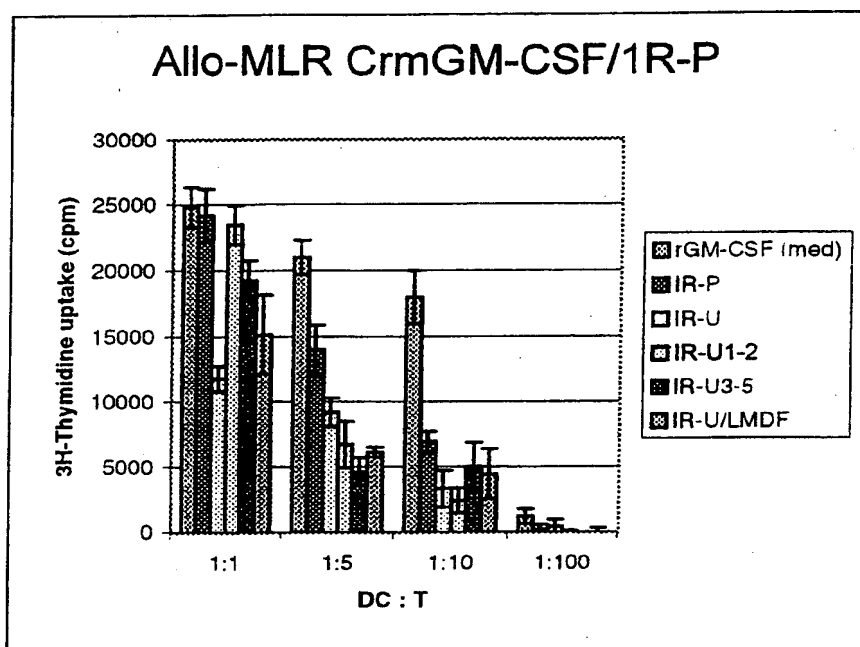
Figure54

Mab	Med	IR-P	IR-U	IR-U3-5	IR-U/LMDF
<b>CD1d</b>	4.9	7.0	11.8	9.5	9.5
CD14	0.0	1.0	0.9	1.9	1.2
<b>CD40</b>	0.0	0.6	4.4	5.5	3.8
<b>CD80</b>	0.3	0.3	0.9	0.7	0.6
<b>CD80</b>			8.0	16.0	12.8
<b>(fractie)</b>			(37%)	(20%)	(20%)
<b>CD86</b>	1.9	3.3	19.7	10	11.5
<b>(all)</b>					
<b>CD95</b>	5.3		15.2	16	16
ER-MP58	3.9	5.2	6.1	7.7	7.0
<b>F4/80 (all)</b>	39.5	32.2	108.8	136.9	158.7
RB6.8C5		7.7	8.2	4.0	4.3
E-cad	1.9	2.1	3.2	3.3	1.9
<b>(all)</b>					
<b>MHC II (all)</b>	13.8	18.1	108.8	94.5	109.6

Figure 55

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Figure 56



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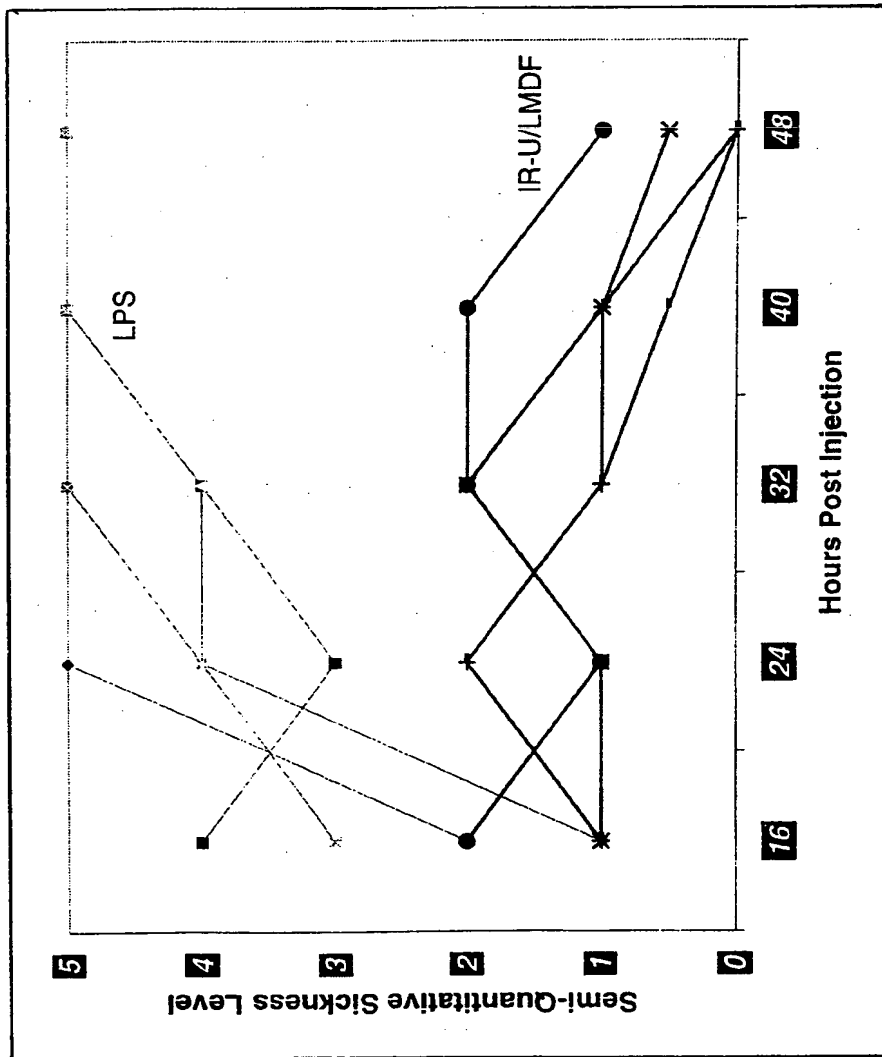


Figure 57

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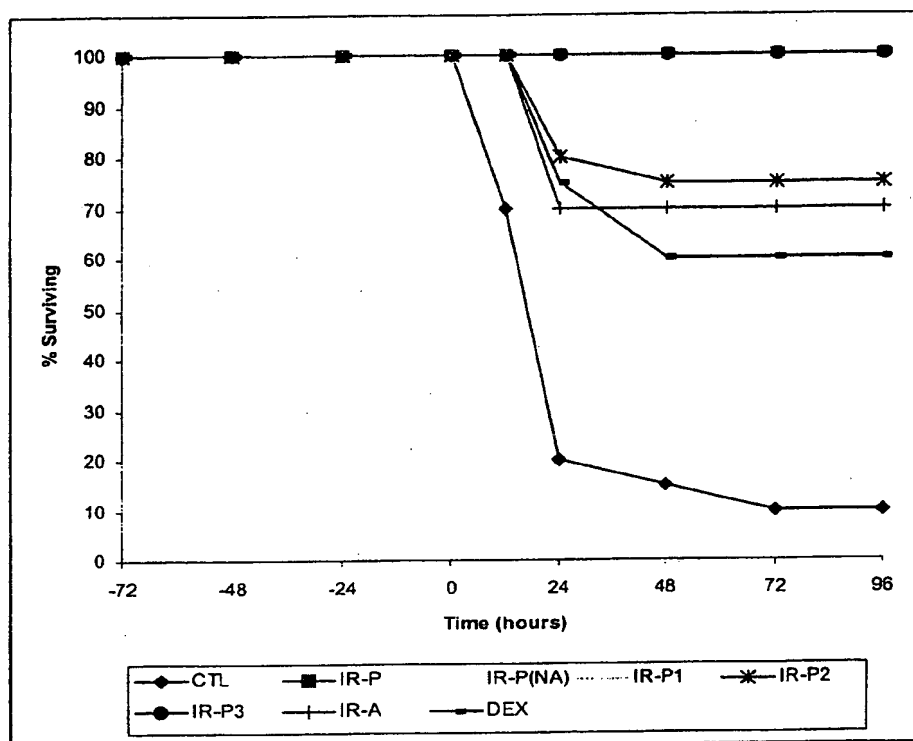


Figure 58

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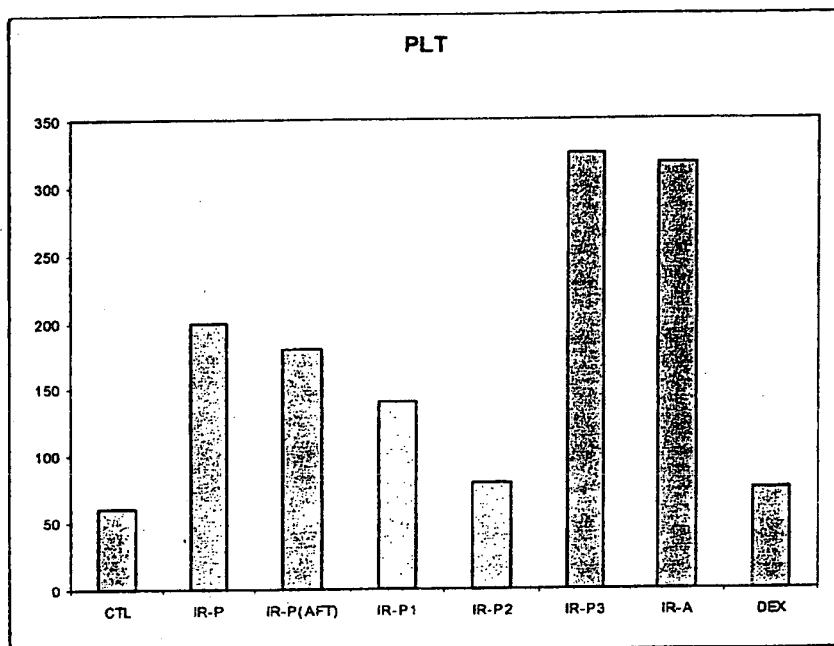


Figure 59

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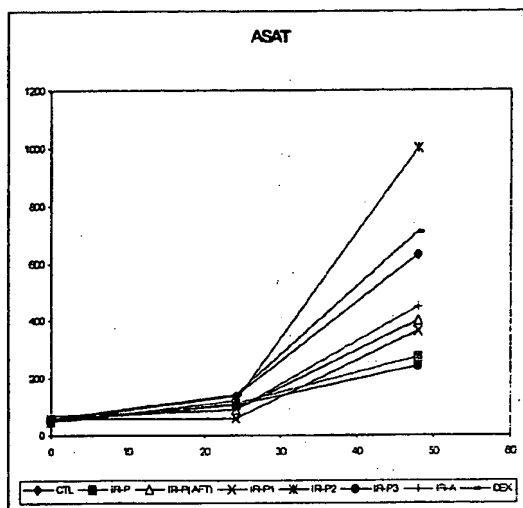


Figure 61

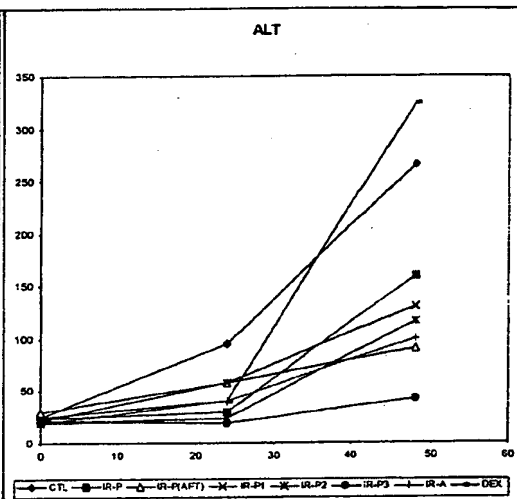


Figure 60

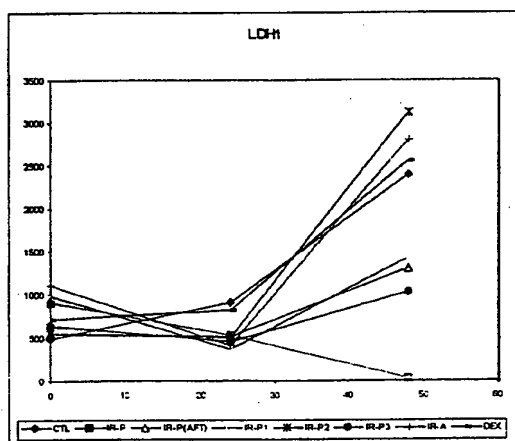


Figure 62

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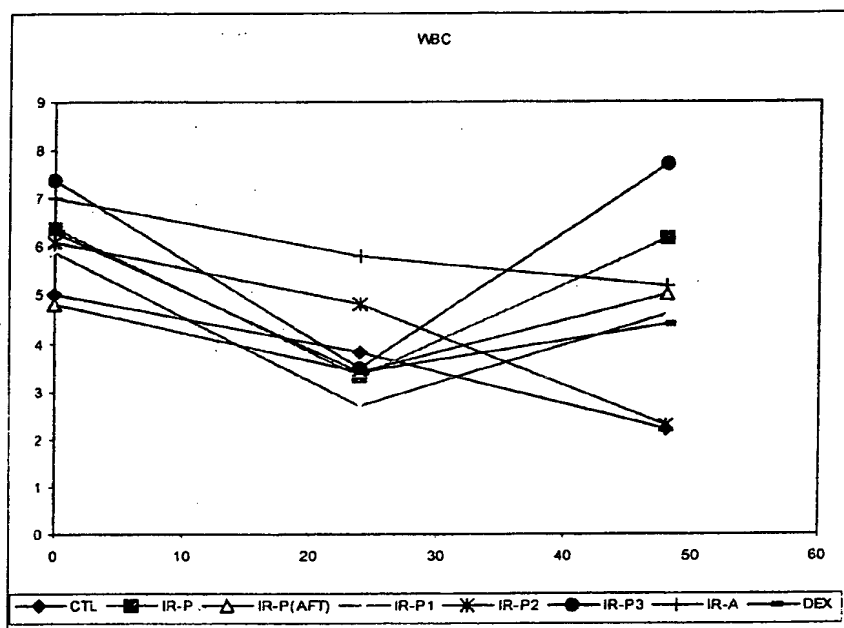


Figure 63

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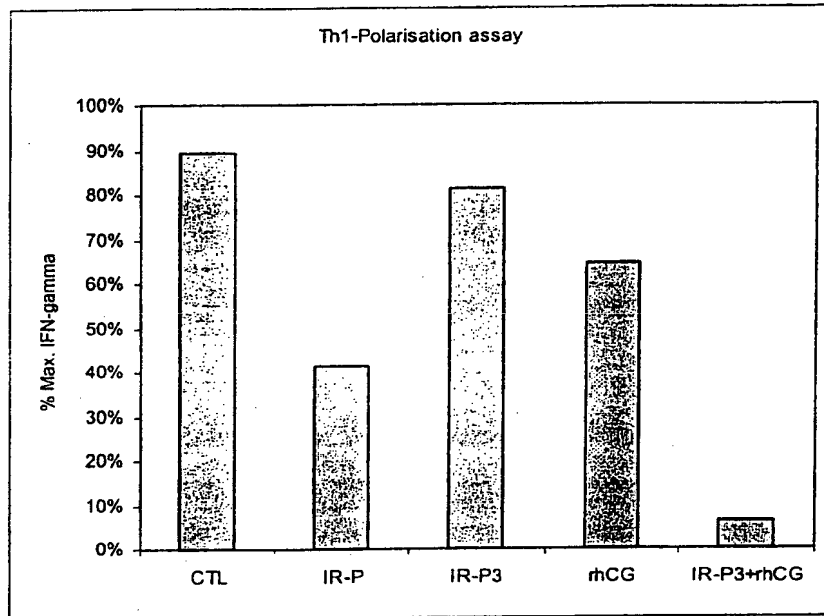


Figure 64



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## NOD/LTJ INVIVO TREATMENT (ANTI-CD3 STIMULATION)

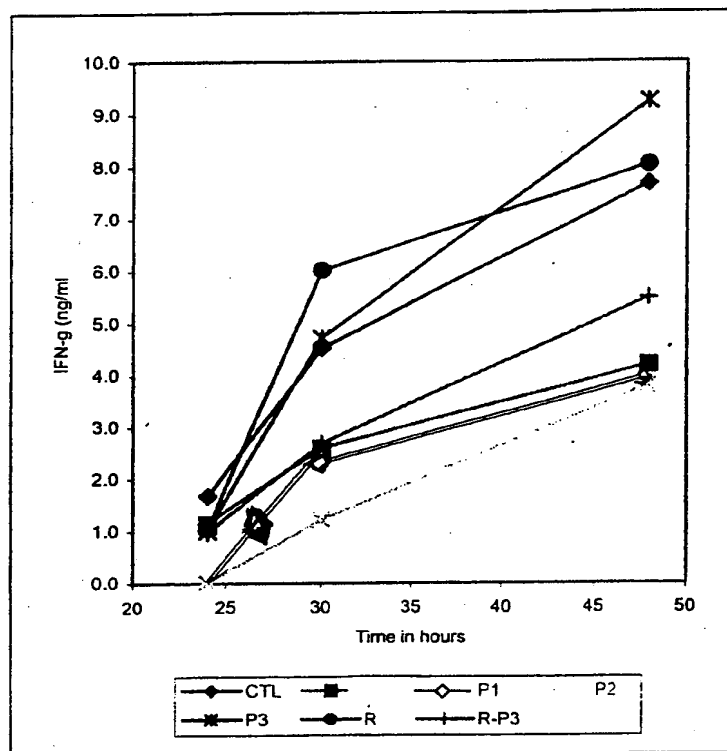


Figure 65

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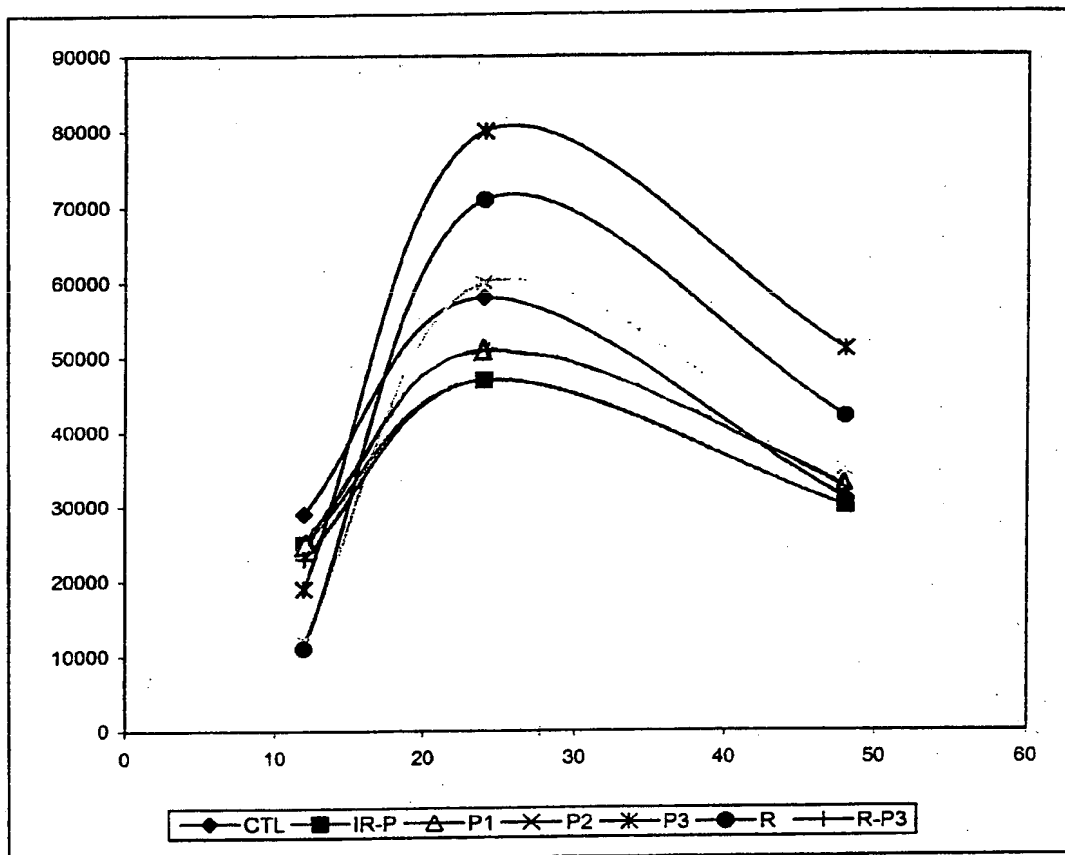


Figure 66

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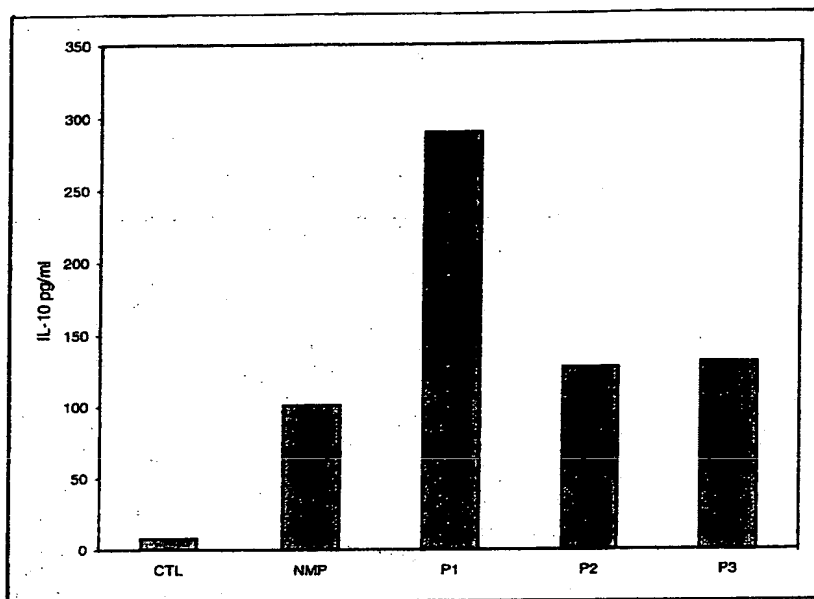


Figure 67

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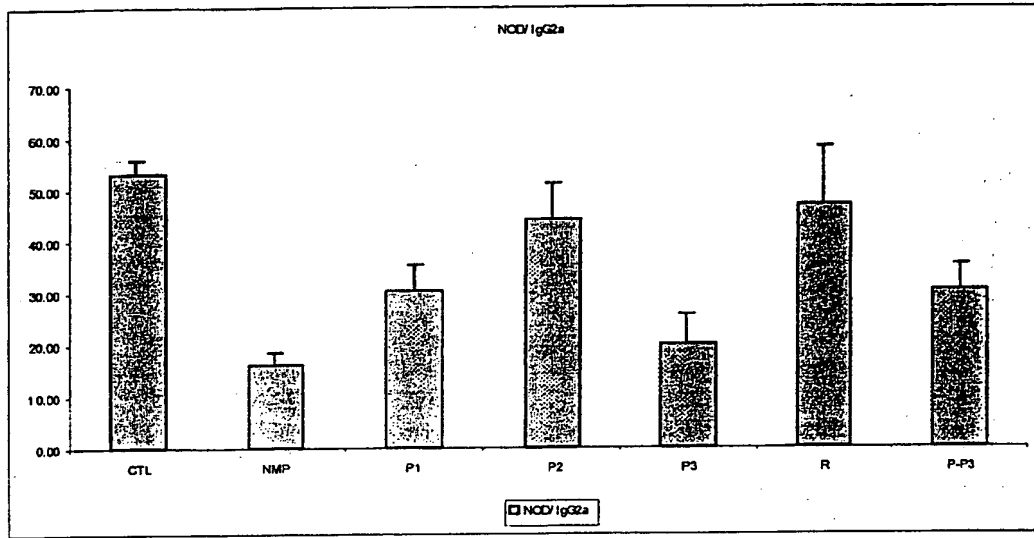


Figure 68

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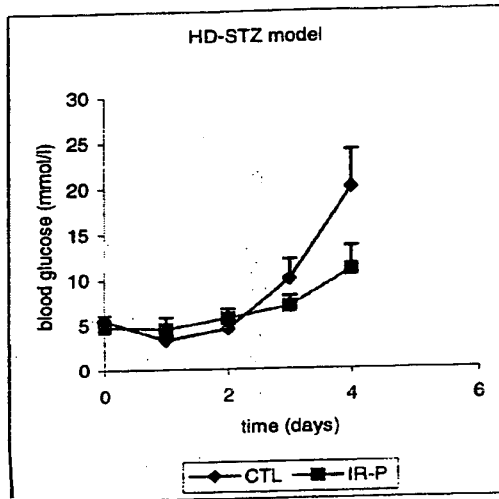


Figure 70

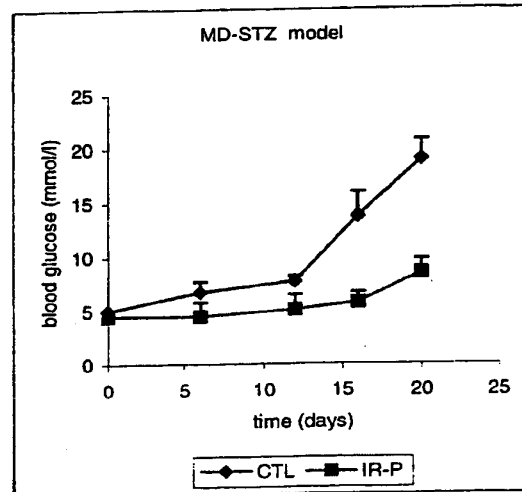


Figure 69

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Figure 71

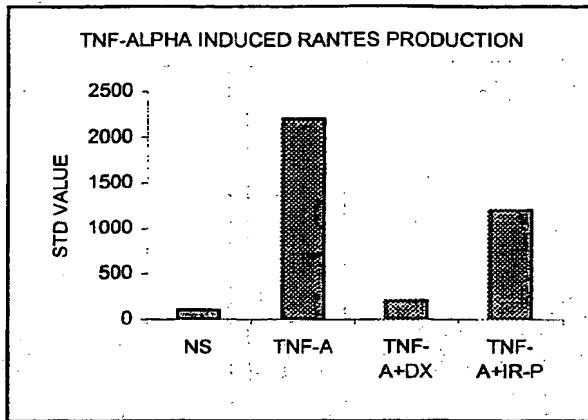


Figure 72

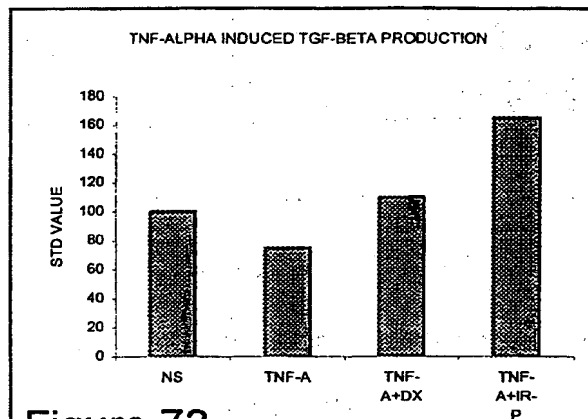
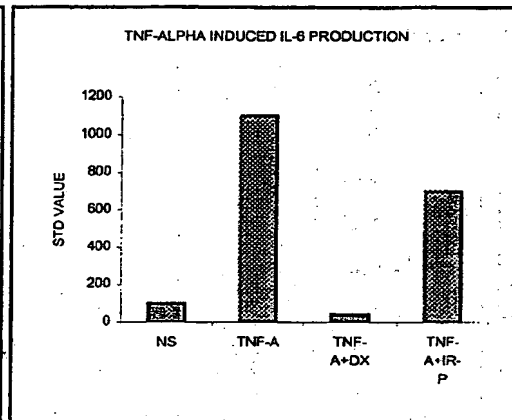


Figure 73

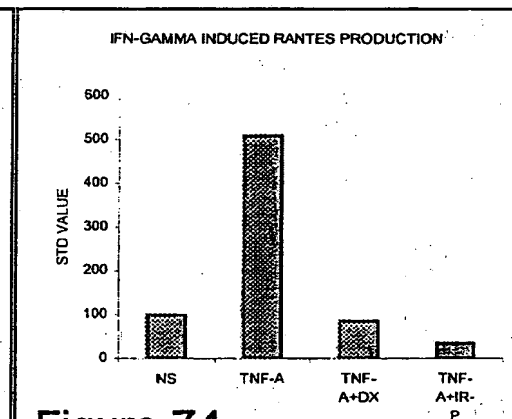


Figure 74

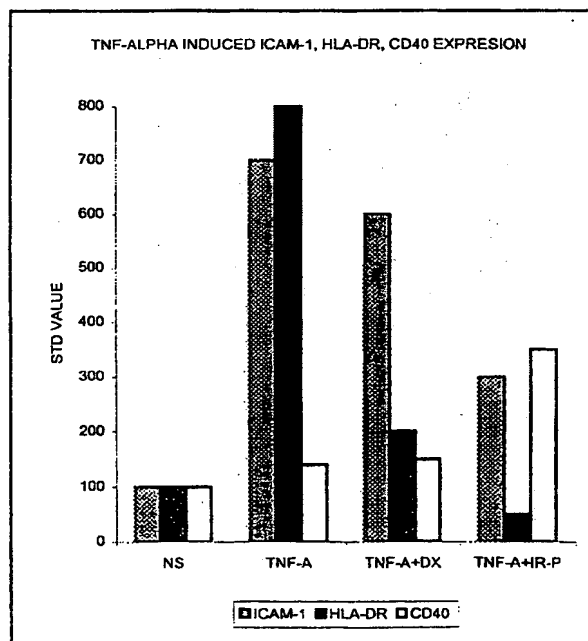


Figure 75

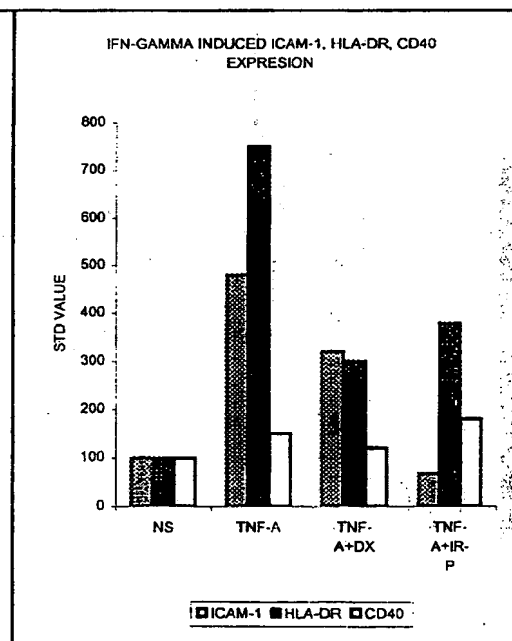


Figure 76

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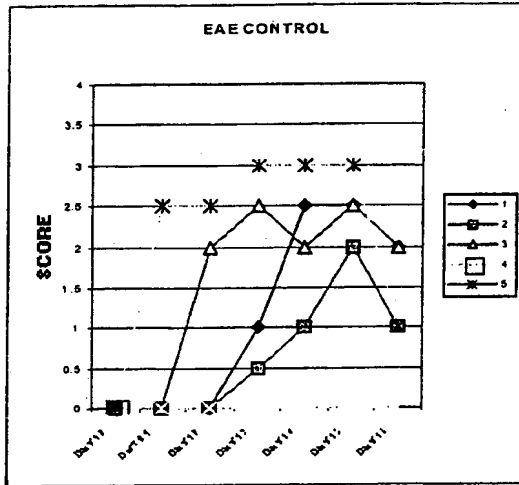


Figure 77

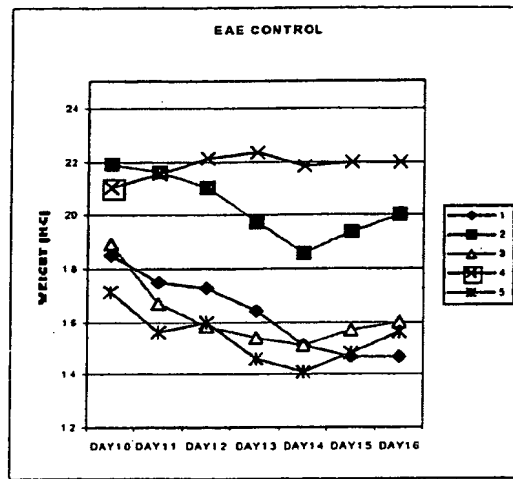


figure 78

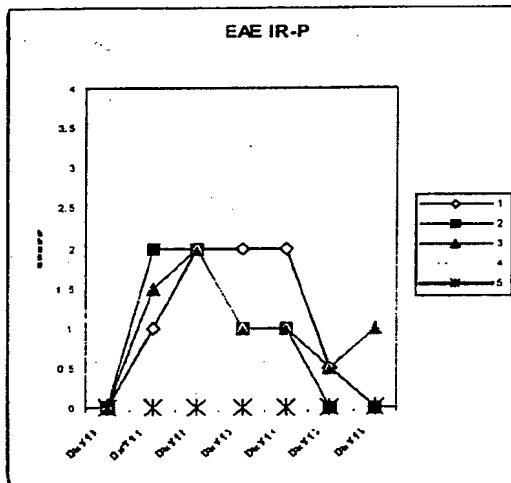


Figure 79

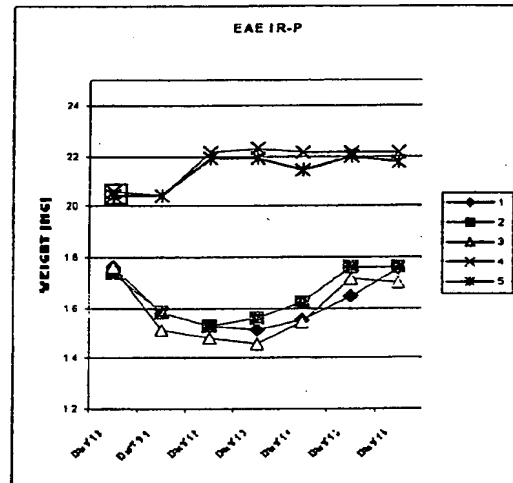


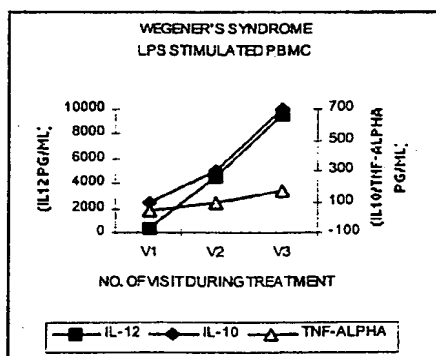
Figure 80

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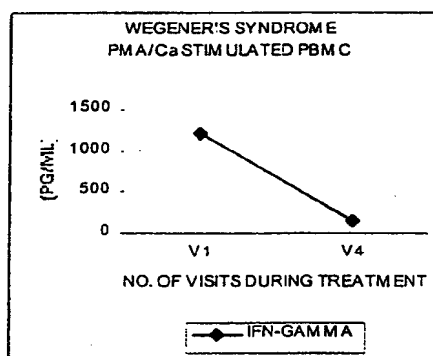
Figure 81

	Before Tx	during Tx	end Tx	Normal (X 10e9
Lymphocytes	0.59	0.75	1.56	1.5 - 4.0
T cell	0.57	0.72	1.48	0.9 - 2.8
CD4	0.24	0.26	0.59	0.5 - 1.7
CD8	0.31	0.41	0.23	0.3 - 0.8
B-cell	0.01	0.01	0.01	0.1 - 0.3

Figure (82a)



(82b)





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Figure 83

	Before Tx	during Tx	end Tx	Normal (X 10e9)
Lymphocytes	2.87	2.06	1.22	1.5 - 4.0
T cell	2.35	1.59	1.02	0.9 - 2.8
CD4	1.95	1.26	0.82	0.5 - 1.7
CD8	0.49	0.37	0.18	0.3 - 0.8
B-cell	0.33	0.19	0.14	0.1 - 0.3

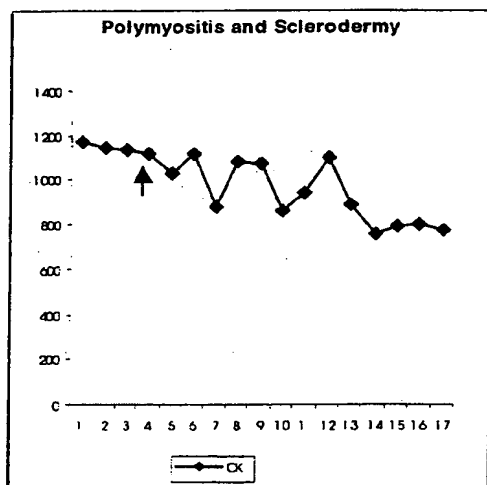


Figure 84

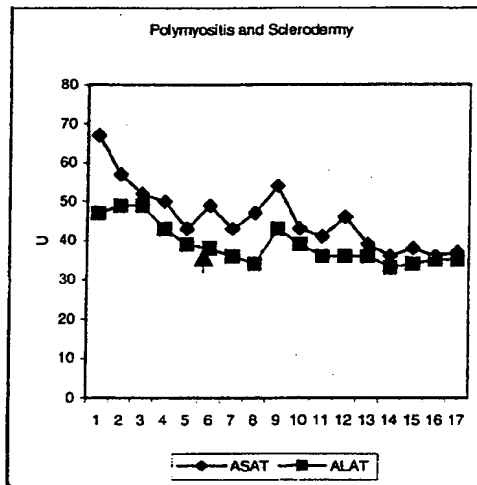


Figure 85

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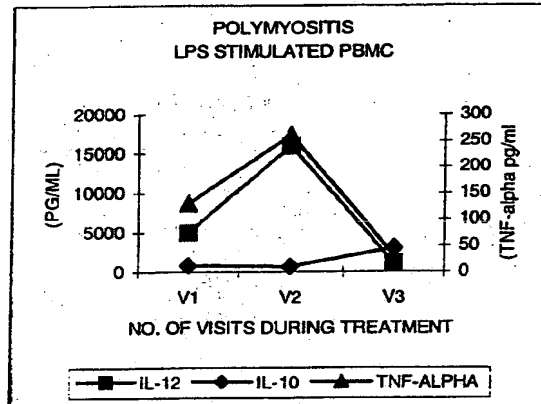


Figure 86

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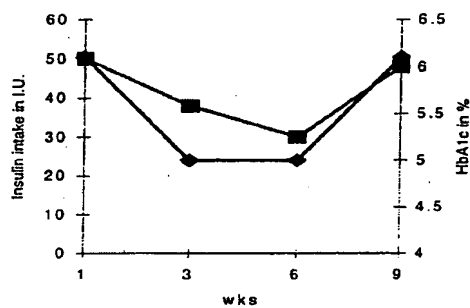


Figure 87

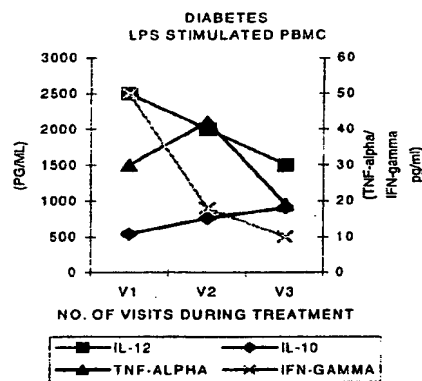


Figure 88

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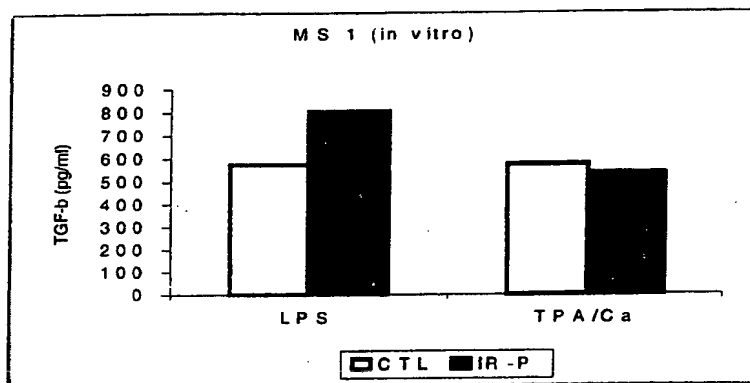


Figure 89

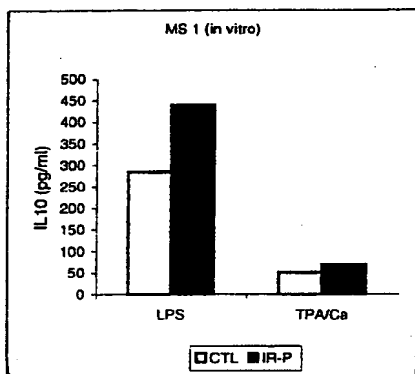


Figure 90

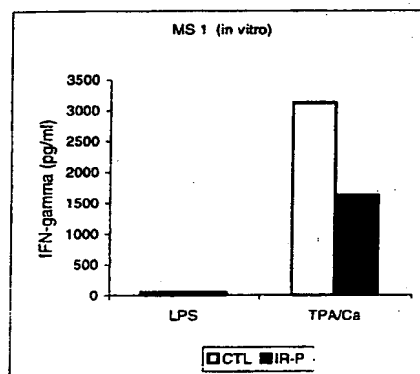


Figure 91

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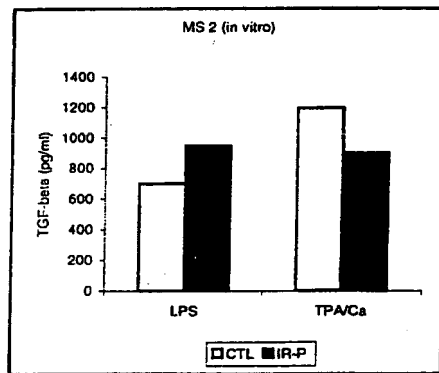


Figure 92

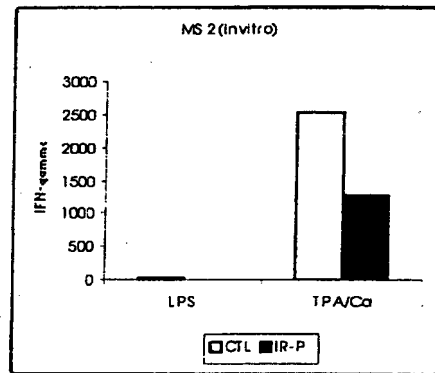


Figure 93

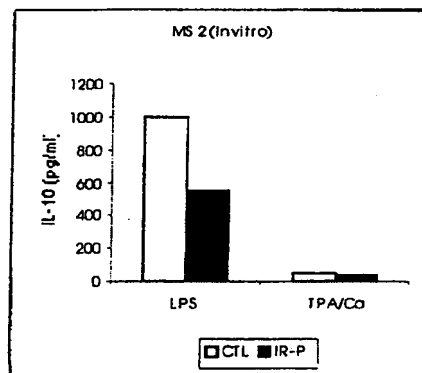


Figure 94

TITLE: IMMUNOREGULATOR  
Inventor: Khan et al.  
Serial No.: 09/716,777  
Docket No.: 2183-4618US

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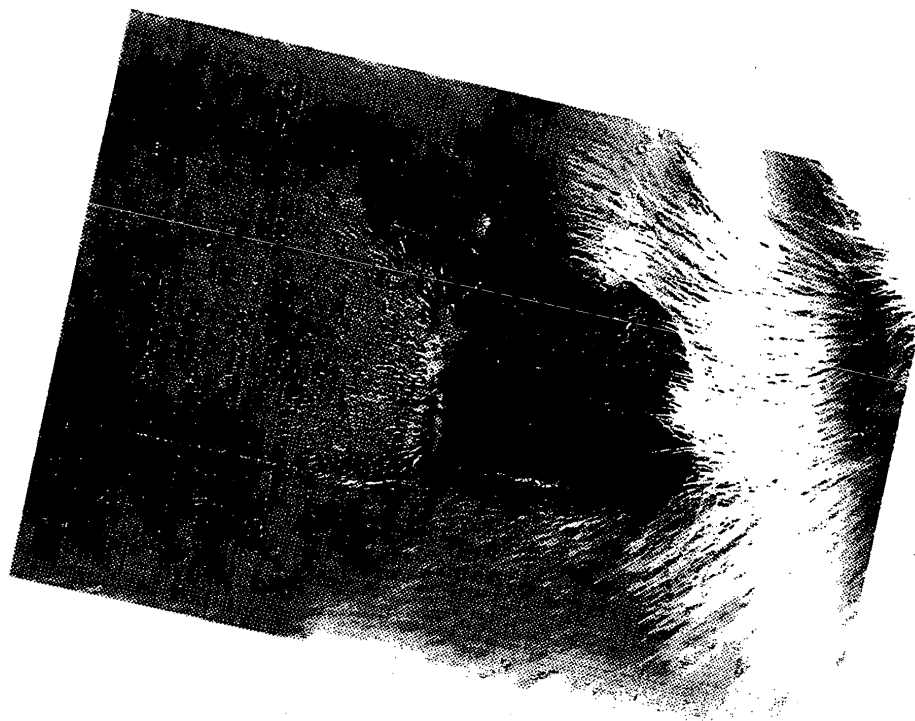


Figure 96

TITLE: IMMUNOREGULATOR

Inventor: Khan et al.

Serial No.: 09/716,777

Docket No.: 2183-4618US

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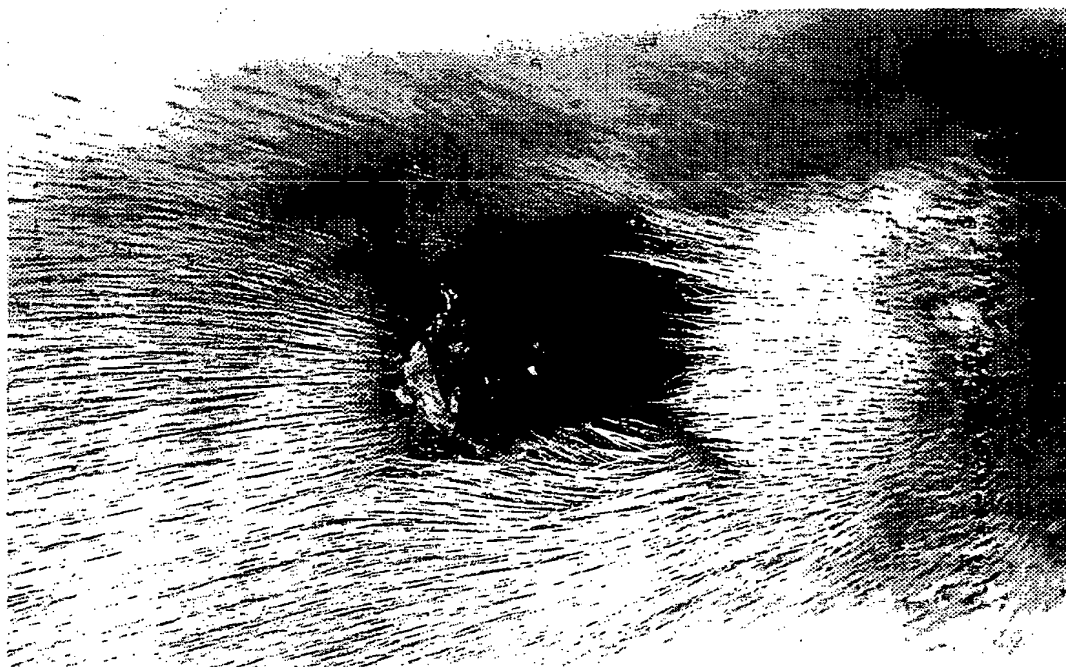


Figure 95

TITLE: IMMUNOREGULATOR

Inventor: Khan et al.

Serial No.: 09/716,777

Docket No.: 2183-4618US

64/69

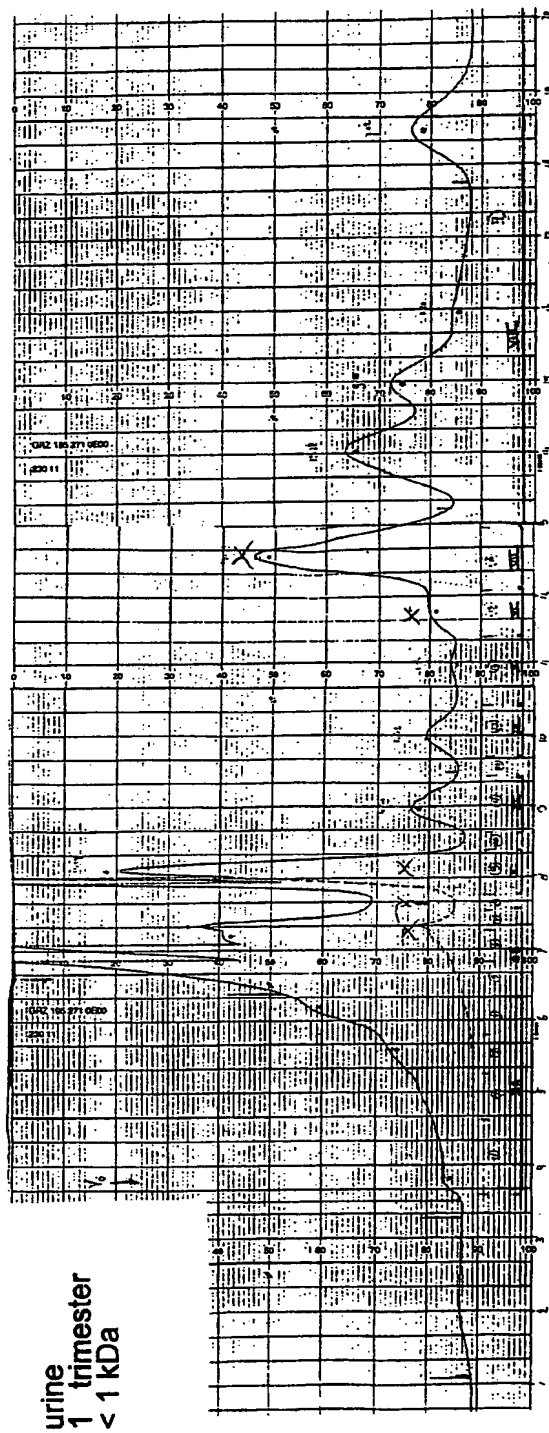


Figure 97



TITLE: IMMUNOREGULATOR

Inventor: Khan et al.

Serial No.: 09/716,777

Docket No.: 2183-4618US

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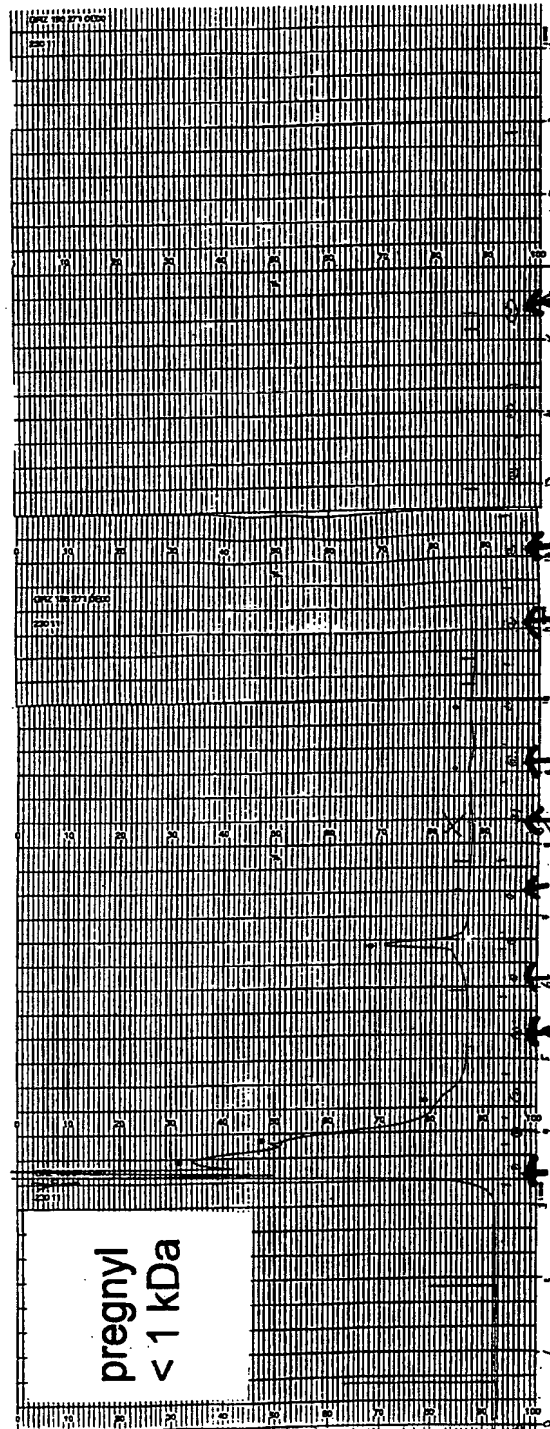


Figure 98

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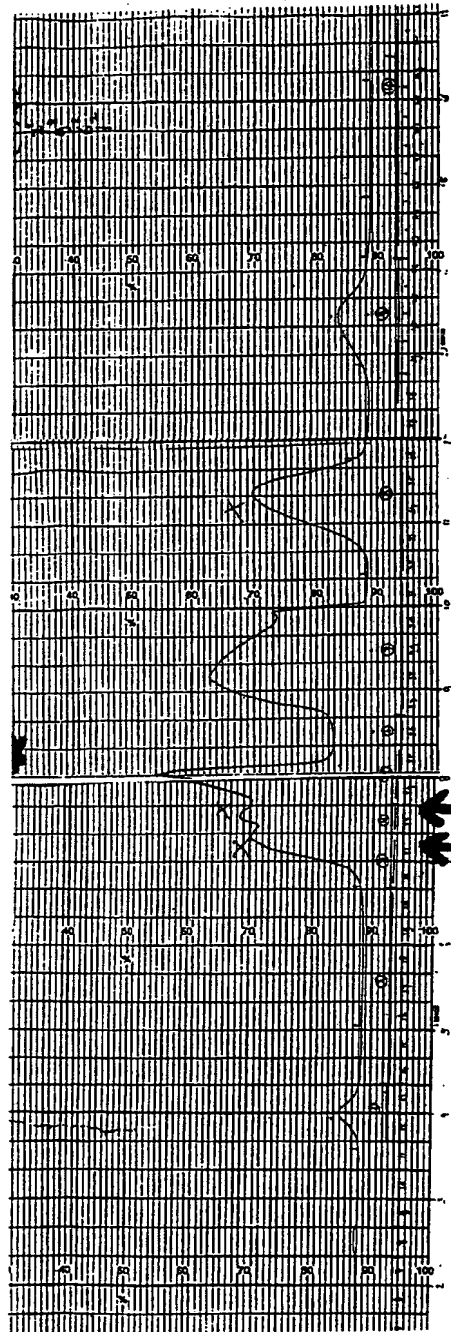


Figure 99

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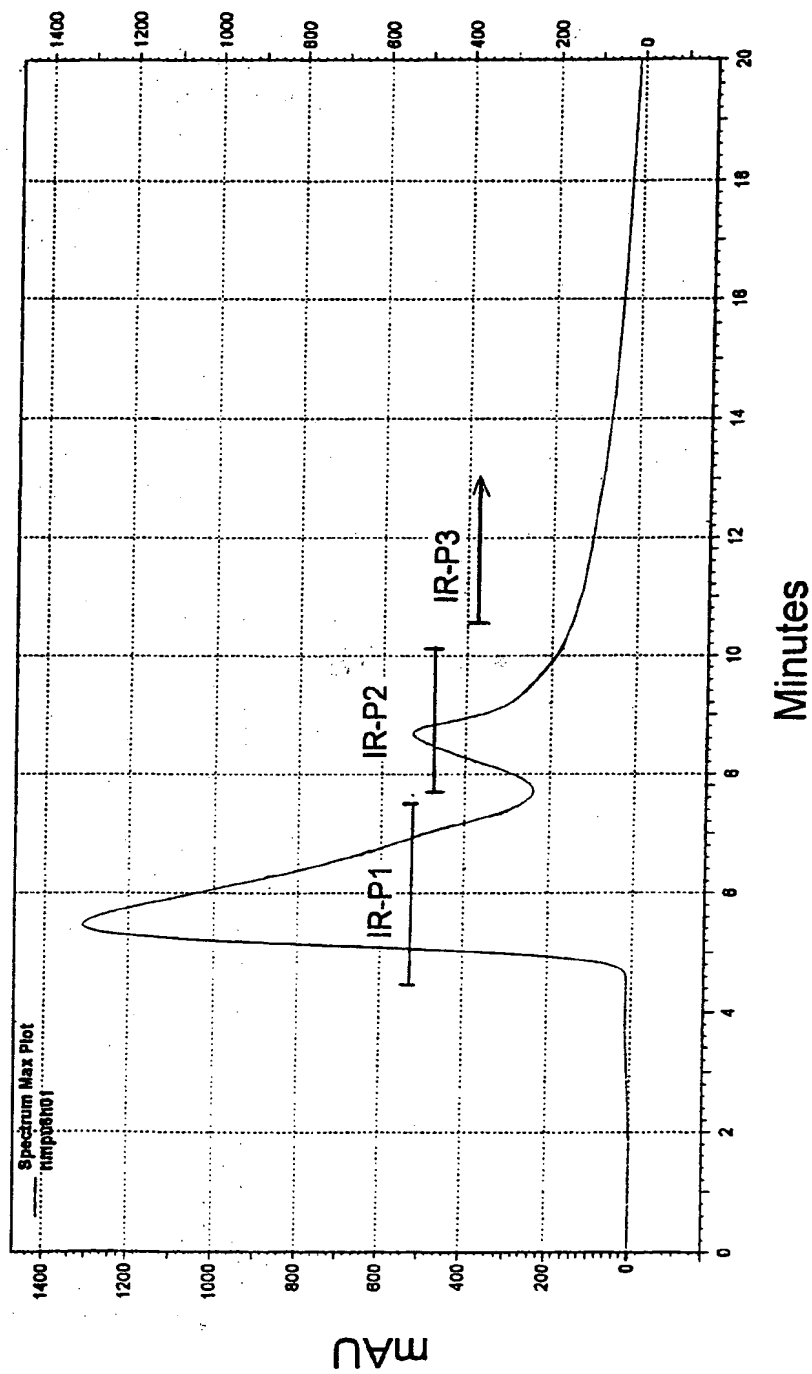
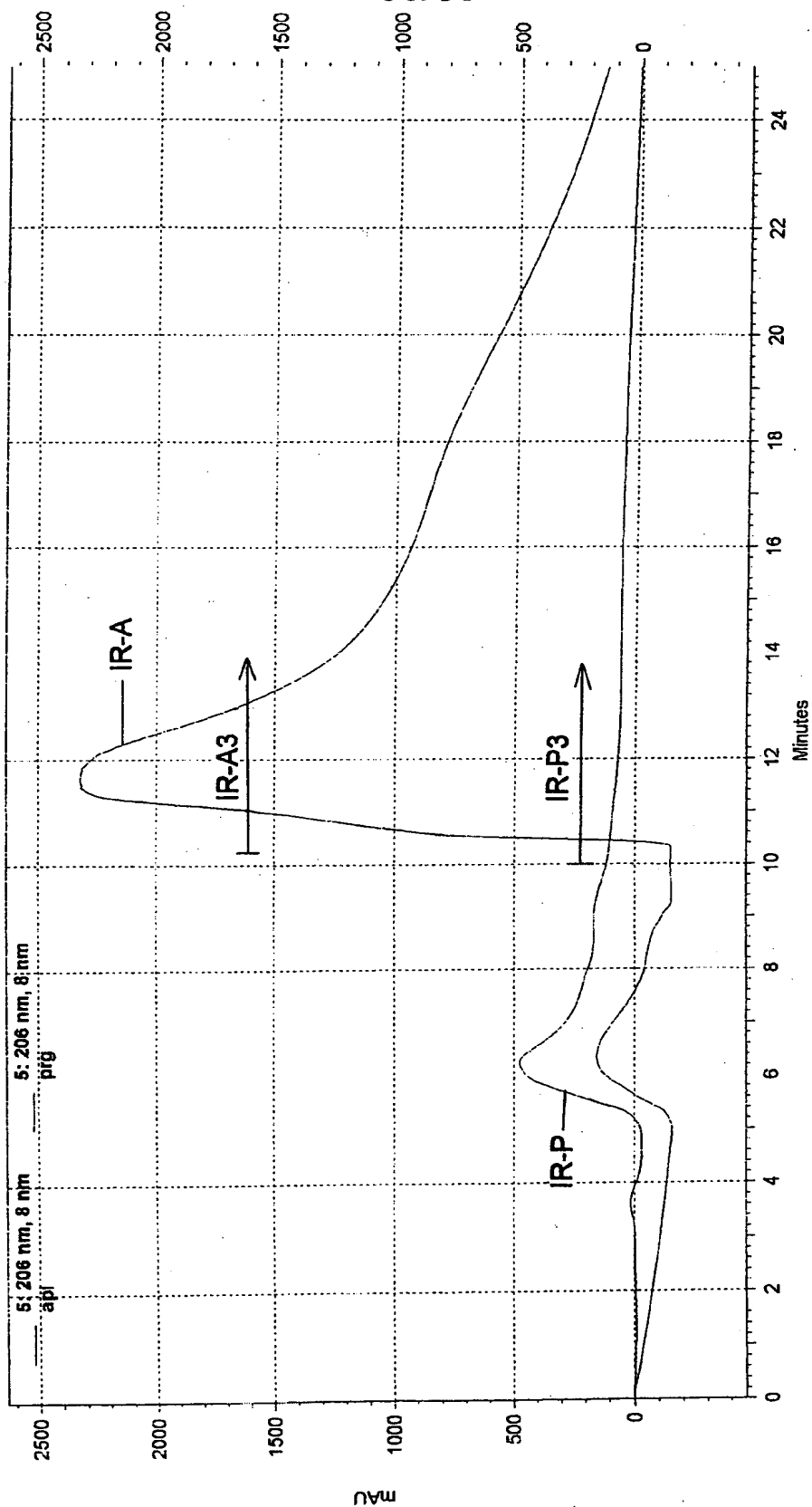


Figure 100

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GPC 60 Å  
Figure 101

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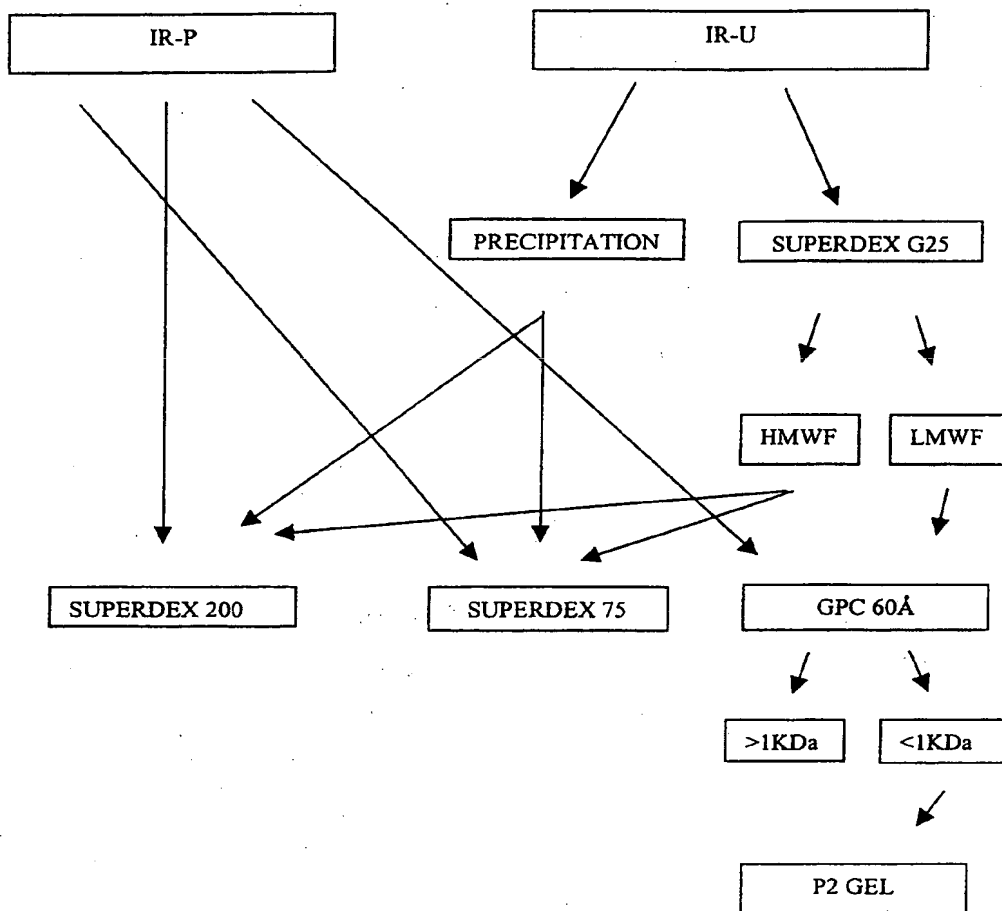


Figure 102